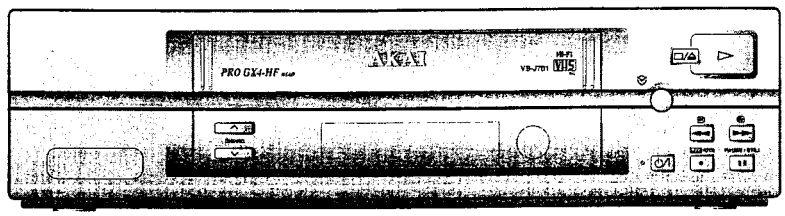
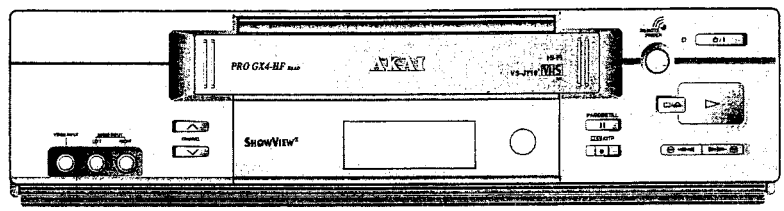
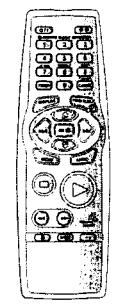
# AKAI SERVICE MANUAL



MODEL : VS-J701EO-D

HIGH QUALITY VHS PAL





SHOWVIEW® MODEL : VS-J718EO-D

HIGH QUALITY VHS PAL

VIDEO CASSETTE RECORDER

## MODELS VS-J200/218/418EO

## MODELS VS-J701/718EO-D,EO-DN

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**NOTE)** The table of contents for this section is edited separately.

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# SECTION1 SUMMARY

## KEY TO ABBREVIATIONS

| | | |
|---|---|---|
| A | AC | :Alternating Current |
| | ACC | :Automatic Color Control |
| | ACSS | :Automatic Channel Setting System |
| | ADJ | :Adjust |
| | A/E | :Audio Erase |
| | AFC | :Automatic Frequency Control |
| | AFT | :Automatic Fine Tuning |
| | AGC | :Automatic Gain Control |
| | A.H.SW | :Audio Head Switch |
| | ALC | :Automatic Level Control |
| | AM | :Amplitude Modulation |
| | AMP | :Amplifier |
| | ANT | :Antenna |
| | APC | :Automatic Phase Control |
| | ASS'Y | :Assembly |
| | AUX | :Auxiliary |
| B | B | :Base |
| | BGP | :Burst Gate Pulse |
| | BPF | :Bandpass Filter |
| | BS | :Brodcasting Satellite |
| | BW or B/W | :Black and White |
| C | C | :Capacitor, Chroma, Collector |
| | CAN | :Cancel |
| | CAP | :Capstan |
| | CAP.BRK | :Capstan Brake |
| | CAP.RVS | :Capstan Reverse |
| | CATV | :Cable Television |
| | CBA | :Circuit Board Assembly |
| | CCD | :Charge Coupled Device |
| | C.CTL | :Chro Control, Capstan Control |
| | CFG | :Capstan Frequency Generator |
| | CHROMA | :Chrominance |
| | CNR | :Chroma Noise Redution |
| | COMB | :Combination<br>Comb Filter |
| | COMP | :Comparator<br>Composite<br>Compensation |
| | CONV | :Converter |
| | C.ROT SW | :Color Rotary Switch |
| | CS | :Chip Selcet |
| | C.SYNC | :Composite Synchronization |
| | CTL DIV | :Control Divide |
| | CUR | :Current |
| | CYL | :Cylinder |
| D | D | :Drum, Digital, Diode, Drain |
| | D.ADJ | :Drum Adjust |
| | DC | :Direct Current |
| | D.CTL | :Drum Control |
| | DEMOD | :Demodulator |
| | DET | :Detector |
| | DEV | :Deviation |
| | DHP | :Double High Pass |
| | DIGITRON | :Digital Display Tube |
| | DL | :Delay line |
| | DOC | :Drop Out Compensator |
| | DUB | :Dubbing |
| | D.V SYNC | :Dummy Vertical Synchronization |
| E | E | :Emitter |
| | EE | :Electric to Eletric |
| | EMPH | :Emphasis |
| | ENA | :Enable |
| | ENV | :Envelope |
| | EP | :Extended Play |
| | EQ | :Equalizer |
| | EXP | :Expander |
| F | F | :Fuse |
| | FB | :Feed Back |
| | FBC | :Feed Back Clamp |
| | FE | :Full Erase |
| | FG | :Frequency Generator |
| | FL | :Filter |
| | FM | :Frequency Modulation |
| | F/R | :Front/Rear |
| | FS | :Frequency Synthesizer |
| | FSC | :Subcarrier Frequency |
| | F/V | :Frequency Voltage |
| G | GEN | :Generator |
| H | H | :High, Horizontal |
| I | IC | :Integrated Circuit |
| | IF | :Intermediate Frequency |
| | INS | :Insert |
| L | L | :Low, Left, Coil |
| | LD | :LED |
| | LD VTG CTL | :Loading Voltage Control |
| | LECHA | :Letter Character |
| | L.M | :Level Meter |
| | LP | :Long Play |
| | LPF | :Low Pass Filter |
| M | MAX | :Maximum |
| | MD | :Modulator |
| | MECHA.CTL | :Mechanism Control |
| | MIC | :Microphone |
| | MIN | :Minimum |
| | MIX | :Mixer, Mixing |
| | M.M. | :Monostable, Multivibrator |
| | MMV | :Mono Multi Vibrator |
| | MOD | :Modulation, Modulator |
| | MODEM | :Modulator-Demodulator |
| | MPX | :Multiplex |
| N | NR | :Noise Reduction |
| O | OSC | :Oscillator |
| | OSD | :On Screen Display |
| P | PB | :Playback |
| | PCB | :Printed Circuit Board |
| | P.CTL | :Power Control |
| | PRE-AMP | :Preamplifier |
| | P.F | :Power Failure |
| | PG | :Pulse Generator |
| | PLL | :Phase Locked Loop |
| | PREM.DET | :Premire Detect |
| | P.P | :Peak-to-Peak |
| | PS | :Phase Shift |
| | PWM | :Pulse Width Modulation |
| | PWR CTL | :Power Control |
| Q | Q | :Transistor |
| | QH | :Quasi Horizontal |
| | QSR | :Quick Setting Record |
| | QTR | :Quick Timer Record |
| | QV | :Quasi Vertical |
| R | R | :Resistor, Right |
| | RE(or RC) | :Remocon, Receiver |
| | REC | :Recording |
| | REC S 'H' | :Record Start 'Hight' |
| | REF | :Reference |
| | REG | :Regulated, Regulator |
| | REMOCON | :Remote Control(unit) |
| | RF | :Radio Frequency |
| | R/P | :Record/Playback |
| | RTC | :Reel Time Counter |
| S | S | :Serial |
| | S.ACCEL | :Slow Accel |
| | SAOP | :Second Audio Program |
| | SC | :Scart, Simulcast |
| | S.DET | :Secam Detect |
| | SH | :Shift |
| | SHARP | :Sharpness |
| | SIF | :Sound Intermediate Frequency |
| | SLD | :Side Locking |
| | S/N | :Signal to Noise Ratio |
| | SP | :Standard Play |
| | ST | :Stereo |
| | SUB | :Subtract, Subcarrier |
| | SW or S/W | :Switch |
| | SYNC | :Synchronization |
| | SYSCON | :System Control |
| T | T | :Coil |
| | TP | :Test Point |
| | TR | :Transistor |
| | TRK | :Tracking |
| | TRANS | :Transformer |
| | TU | :Tuner, Take-up |
| U | UHF | :Ultra High Frequency |
| | UNREG | :Unregulated |
| V | V | :Volt, Vertical |
| | VA | :Always Voltage |
| | VCO | :Voltage Controlled Oscillator |
| | VGC | :Voltage Gain Control |
| | VHF | :Very High Frequency |
| | V.H.SW | :Video Head Switch |
| | VISS | :VHS Index Search |
| | VPS | :Video Program System |
| | VR | :Variable Resistor or Volume |
| | V-SYNC | :Vertical Synchronization |
| | VTG | :Voltage |
| | VV | :Voltage to Voltage |
| | VXO | :Voltage X-tal Oscillator |
| W | W | :Watt |
| | WHT | :White |
| | W/O | :With out |
| X | X-TAL | :Crystal |
| Y | Y/C | :Luminance/Chrominance |
| | YNR | :Luminance Noise Reduction |
| Z | ZD | :Zener Diode |

# SAFETY CHECK AFTER SERVICING

Examine the area surrounding the repaired location for damage or deterioration. Observe that screws, parts and wires have been returned to original positions. Afterwards, perform the following tests and confirm the specified values in order to verify compliance with safety standards.

- **Insulation resistance test**

confirm the specified insulation resistance or greater between power cord plug prongs and externally exposed parts of the set (RF terminals, antenna terminals, video and audio input and output terminals, incrophone jacks, earphone jacks, etc.) See table below.

- **Dielectric strength test**

Confirm specified dielectric strength or greater between power cord prongs and exposed accessible parts of the set (RF terminals, antenna terminals, video and audio input and output terminals, incrophone jacks, earphone jacks, etc.) See table below.

- **Clearance distance**

When replacing primary circuit components, confirm specified clearance distance (d), (d') between soldered terminals, and between terminals and surrounding metallic parts. See table below.

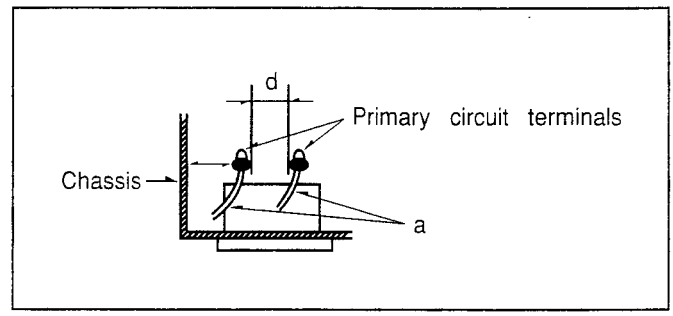



Fig. 2

**Table 1 : Ratings for selected areas**

| AC Line Voltage | Region | Insulation Resistance | Dielectric Strength | Clearance Distance(d),(d) |
|---|---|---|---|---|
| *100 to 130 V<br>200 to 240 V | Europe<br>Australia | ≧ 10 MΩ/500 V DC | 4kV 1 minute | ≧ 6mm(d)<br>≧ 8mm(d)<br>(a Power cord) |

* Class II model only.

Note. This table is unofficial and for reference only. Be sure to confirm the precise values for your particular country and locality.

- **Leakage Current test**

Confirm specified or lower leakage current between B(earth ground, power cord plug prongs) and externally exposed accessible parts (RF terminals, antenna terminals, video and audio input and output terminals, microphone jacks, earphone jacks, etc.)

Measuring Method: (Power ON)
Insert load Z between B(earth ground, power cord plug prongs) and exposed accessible parts. Use an AC voltmeter to measure across both terminals of load Z. See figure and following table.

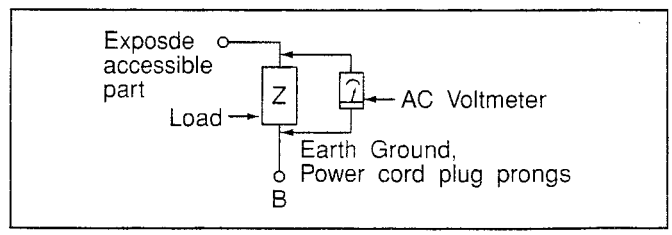



Fig. 3

**Table 2:Leakage current ratings for selected areas.**

| AC Line Voltage | Region | Load Z | Leakage Current(i) | Earth Ground (B) to : |
|---|---|---|---|---|
| 100 to 130 V | Europe | 2kΩ | i ≦ 0.7m A peak<br>i ≦ 2m A DC | Antenna earth terminals |
| 200 to 240 V | Australia | 50kΩ | i ≦ 0.7m A peak<br>i ≦ 2m A DC | Other terminals |

Note. This table is for IEC member only. Be sure to confirm the precise values for your particular country and locality.

# SPECIFICATIONS

| | | |
|---|---|---|
| Power: | | 220-240V~, 50Hz. |
| Power consumption | | Approx. 20 watts(VS-J701/718EO-D,EO-DN),<br>18 watts(VS-J200/218/418EO) (Energy saving mode: 3 watts) |
| Video Head system | | Double azimuth 4 heads, helical scanning system<br>(VS-J701/718EO-D,EO-DN/418EO)<br>Rotary 2 heads, helical scanning system(VS-J200/218EO) |
| Tape speed | | 23.39 mm/sec (SP mode)/<br>11.69 mm/sec (LP mode) |
| Tape format | | Tape width 1/2" (12.7 mm high density VHS tape) |
| Maximum recording time | | 4 hours in SP mode/8 hours in LP mode (with E-240 tape) |
| Rewind time | | Approx. 180 sec. (with E-180 tape) |
| Dimensions | (W X H X D) | 14.2" X 3.7" X 10.6" (360 X 94 X 270 mm) |
| Weight | | 7.5.0lbs. (3.4 kg) |
| Operating temperature | | 41°F-95°F (5°C-35°C) |
| Operating humidity | | Less than 80 % |
| Timer | | 24 hours display type |

**Video**

| | |
|---|---|
| Input level | VIDEO IN (SCART, RCA type) 1.0 Vp-p, 75 ohm, unbalanced |
| Output level | VIDEO OUT (SCART type)1.0 Vp-p, 75 ohm, unbalanced |
| Signal to noise ratio | More than 43 dBm |
| RF modulator | UHF channels 22-68 (Adjustable) (Preset CH 36) |

**Audio**

| | |
|---|---|
| Input level | AUDIO IN (SCART, RCA type) SCART type: -5 dBm,<br>more than 10 kΩ<br>RCA type: -5 dBm, more than 47 kΩ |
| Output level | AUDIO OUT (SCART, RCA type)<br>SCART type: -5 dBm, less than 1 kΩ<br>RCA type: -5 dBm, less than 1 kΩ |
| Audio track | Mono track & Hi-Fi track |
| Audio frequency response | Normal:100 Hz-10 kHz -6/+3 dB)<br>Hi-Fi: 20 Hz-20 kHz (-3/+3 dB) |
| Audio signal to noise ratio | Mono audio: More than 43 dB<br>Hi-Fi audio: More than 75 dB (JIS A filter) |
| Audio dynamic range | Hi-Fi audio: More than 80 dB (JIS A filter) |

• *Design and specifications are subject to change without notice!*

OPTION PARTS : VS-J701/718EO-D, EO-DN ONLY

# SECTION 2 CABINET & MAIN CHASSIS
## SERVICE METHOD

### Electrical Part

(1) Disassembly Flow(2-2~2-3)

Top Case
↓
Bottom Cover
↓
Front Panel
↓
Housing & Deck Assembly
↓
Main C.B.A
↓
Key C.B.A

(2) Re-assembly Flow for service like Fig. 2-1

Key C.B.A
↓
Main C.B.A
↓
Housing & Deck Assembly

(3) To check and replace Electrical parts
- ① Disassemble the unit according to No.1) Disassembly Flow.
- ② Re-assemble the unit according to No.2) Re-assembly Flow.
- ③ Place the unit like Fig. 2-1
- ④ Check and replace Electrical parts.

**NOTE :**
- ① Insert Video Cassette Tape inversely like Fig. 2-1 to check and replace defective parts.
- ② In disassembling and reassembling, be careful not to damaged CST switch.

(Positioned Upside Down)

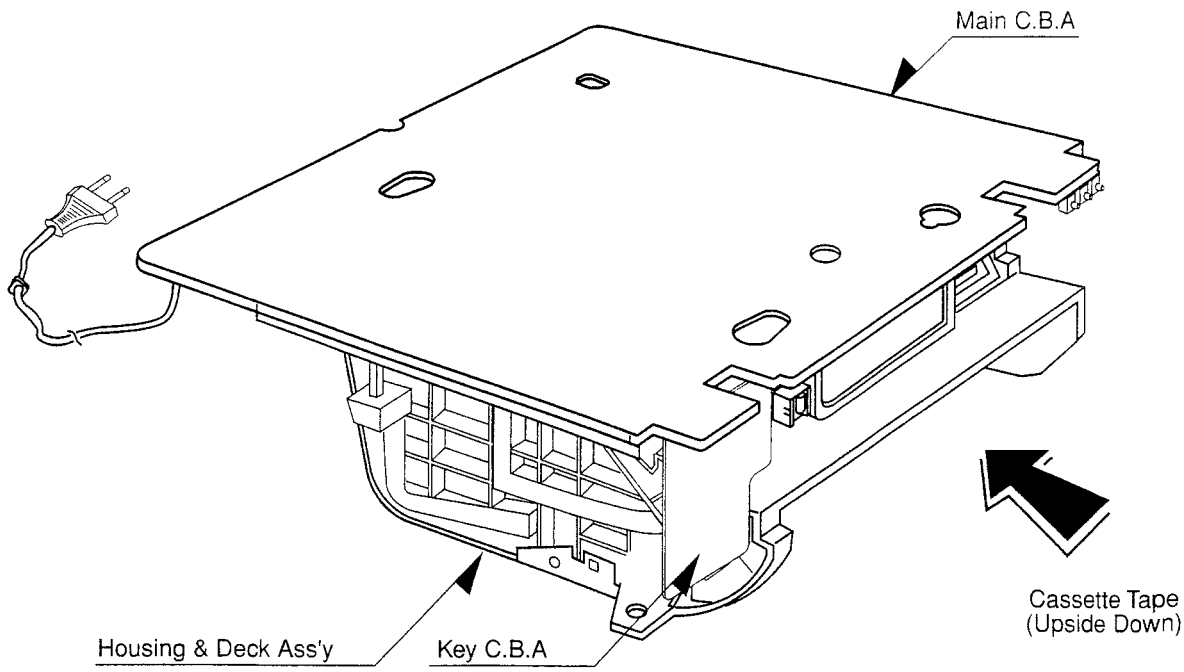



Fig.2-1

# CABINET DISASSEMBLY

## 1.Top Case (Fig.2-2)

(1) Remove 2 screws(A)
(2) Lift the Top case while holding the back of it and remove it in the direction of the arrow.

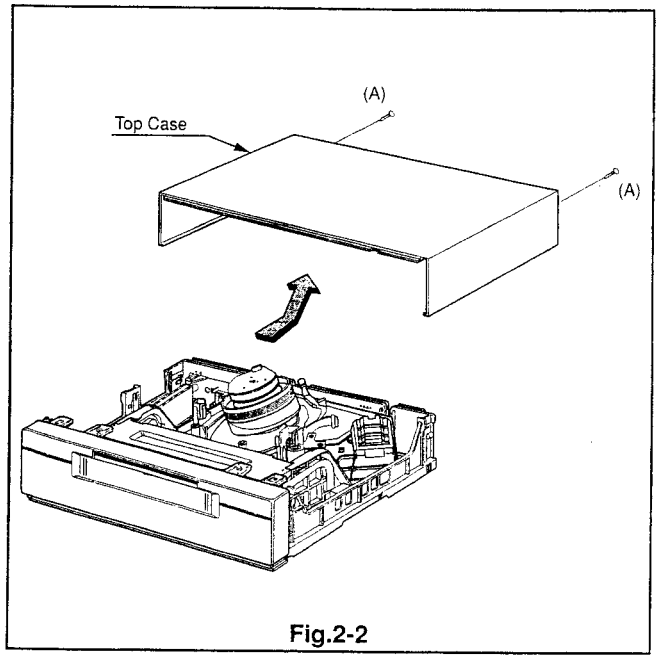



Fig.2-2

## 2. Bottom cover(Fig. 2-3)

(1) Remove 2 screws(B)
(2) Remove the Bottom Cover in the direction of the arrow.

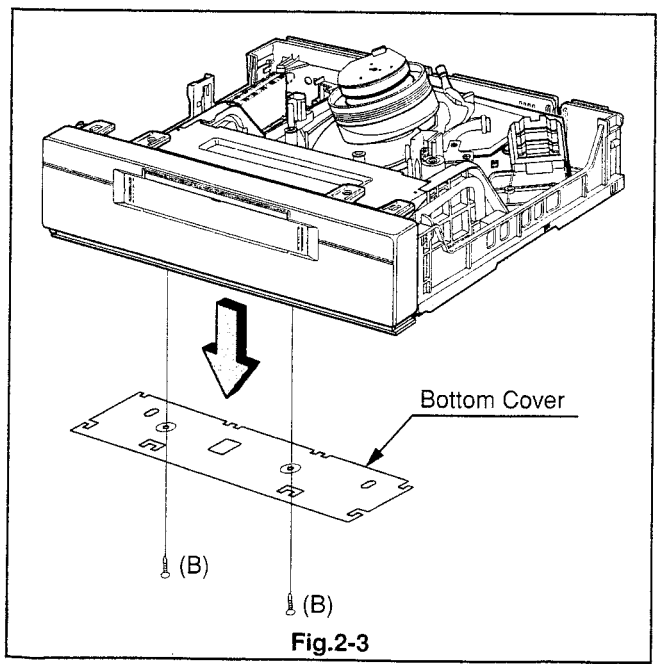



Fig.2-3

## 3.Front Panel (Fig. 2-4)

(1) Release 7 Locking tabs of the Top, Bottom and Side of the Front Panel.
(2) Remove the Front Panel in the direction of the arrows.

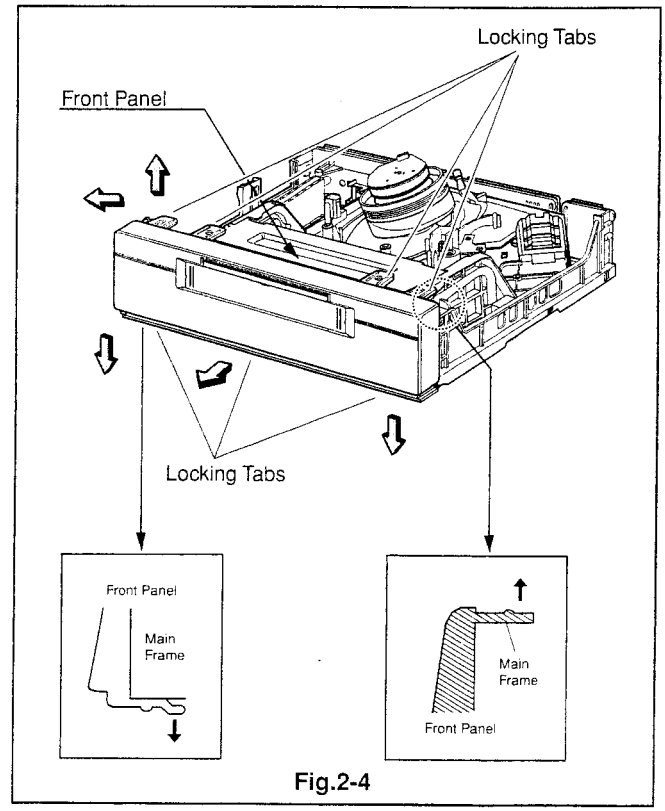
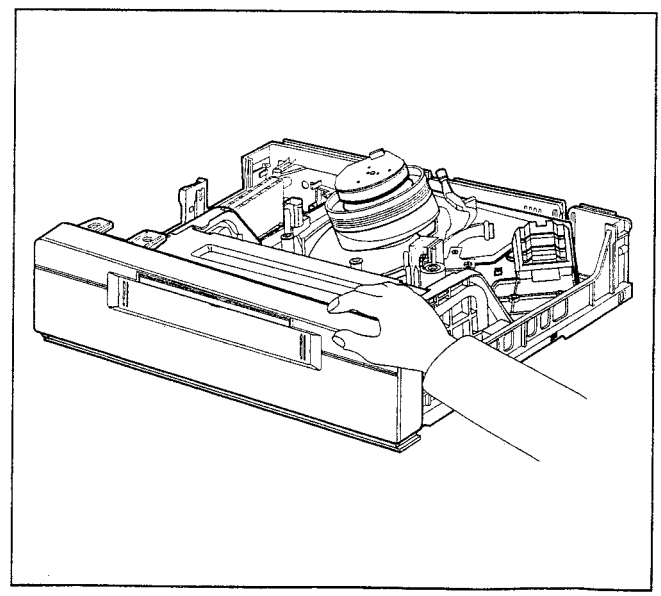



Fig.2-4

### * Caution

When reassembling the Front Panel, assemble it in direction of inserting the Cassette inside.



# PRINTED CIRCUIT BOARD REMOVAL

## 1. Main Circuit Board (Fig. 2-5)

(1) Remove 6 screws (C) and disassemble the Deck Ass'y.
(2) Remove 2 screws (D) and unlock 5 Hooks that are left and right of Main Frame.
(3) Disassemble the Main C.B.A from the Main Frame.

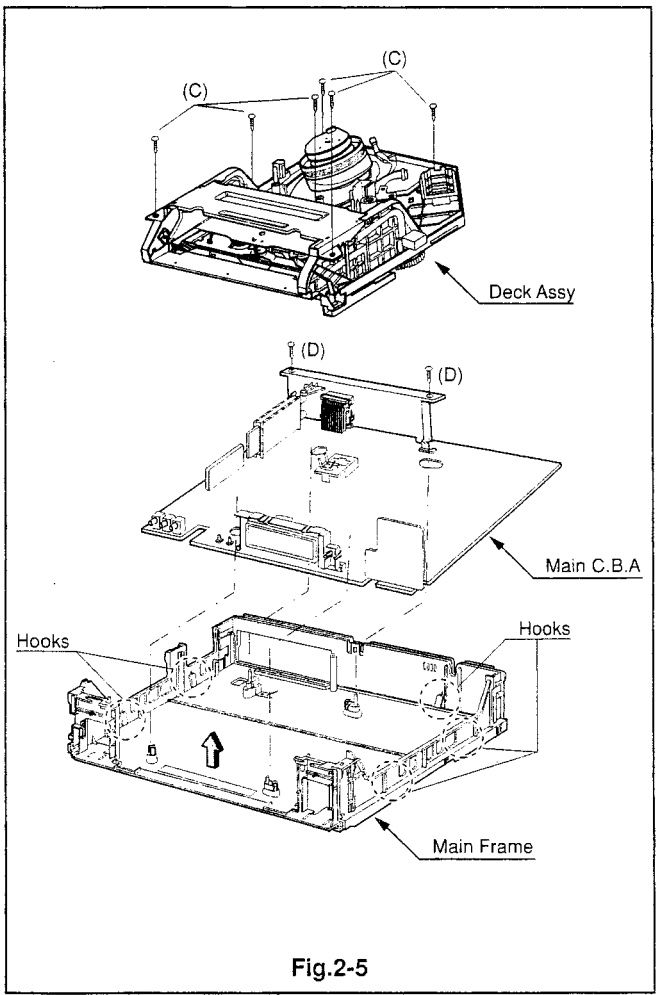



Fig.2-5

## 2. Key Circuit Board (Fig. 2-6)

(1) Pull the Tabs in the direction of small arrows to disengage from main frame.
(2) Then pull the key circuit board.

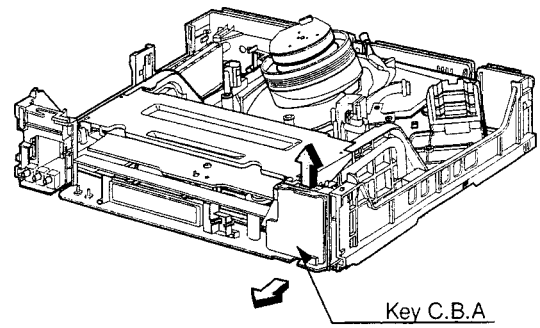


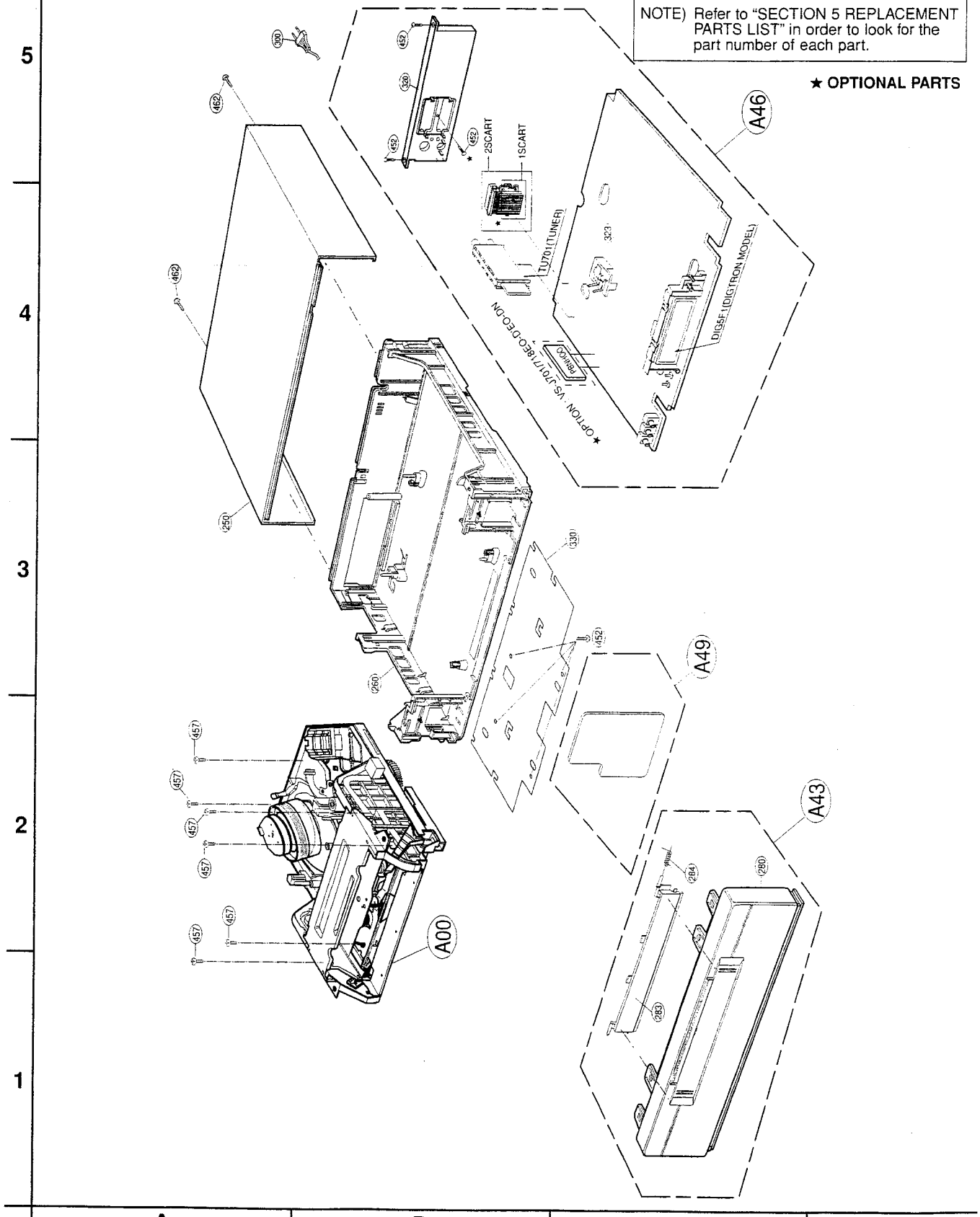

Fig.2-6

# EXPLODED VIEWS

## 1. Cabinet and Main Frame Section

NOTE) Refer to "SECTION 5 REPLACEMENT PARTS LIST" in order to look for the part number of each part.

★ OPTIONAL PARTS



# • Cabinet & Main Frame Section

RUN DATE : 99.06.19
NSP: Not Service Part

| S | AL | LOCA.NO | PART NO(GS) | DESCRIPTION | SPECIFICATION | REMARKS |
|---|---|---|---|---|---|---|
| | | | | **ASSEMBLY PARTS SECTION** | | |
| | | A43 | 3721R-F107G | PANEL ASSY,FRONT[NORMAL PARTS] | (VS-J418EO) | |
| | | A43 | 3721R-F107M | PANEL ASSY,FRONT[NORMAL PARTS] | (VS-J218EO) :M/G | |
| | | A43 | 3721R-F107W | PANEL ASSY,FRONT[NORMAL PARTS] | (VS-J218EO) :D/BK | |
| | | A43 | 3721R-F108C | PANEL ASSY,FRONT[NORMAL PARTS] | (VS-J200EO) | |
| | | A46 | 3501R-1237C | BOARD ASSY | MAIN (VS-J418EO) | |
| | | A46 | 3501R-1237G | BOARD ASSY | MAIN (VS-J200EO) | |
| | | A46 | 3501R-1237H | BOARD ASSY | MAIN (VS-J218EO) | |
| | | A49 | 6871R-1240A | PWB(PCB) ASSY | TIMER (VS-J200EO) | |
| | | A49 | 6871R-1241A | PWB(PCB) ASSY | TIMER (VS-J418EO/J218EO) | |
| | | | | **PARTS SECTION** | | |
| | | 250 | 3110R-0128K | CASE | TOP(VSJ418EO/J218EO/J200EO)M/G | |
| | | 260 | 3210R-0023B | FRAME | MAIN (VII-PJT, 60HR) | NSP |
| | | 275 | 4930R-0133A | HOLDER | DIGITRON(UP-MONO) | |
| | | 280 | 3720R-F081B | PANEL | FRONT(VS-J200EO) | NSP |
| | | 280 | 3720R-F081D | PANEL | FRONT(VS-J418EO/J218EO) :M/G | NSP |
| | | 280 | 3720R-F081G | PANEL | FRONT(VS-J218EO) :D/BK | NSP |
| | | 283 | 3580R-0038G | DOOR | CST(VS-J418EO) | |
| | | 283 | 3580R-0038M | DOOR | CST(VS-J218EO) | |
| | | 283 | 3580R-0043C | DOOR | CST(VS-J200EO)(E V Y2) | |
| | | 284 | 442-681A | SPRING | DOOR | |
| | | 300 | 6410RCHV02A | POWER CORD | H03VVH2-F2 X 0.75MM FILTER VOL | |
| | | 320 | 3721R-D023F | PANEL ASSY,DISTRIBUTOR[NORMAL | AF-PAL MONO -2SCART-PREMERE/CA | |
| | | 323 | 3111R-0089B | CASE ASSY | PRE-AMP (PBSB-SH) | |
| | | 330 | 3550R-0210A | COVER | BOTTOM(LARGE) | |
| | | | | **SCREW** | | |
| | | 452 | 353-051A | SCREW | SPECIAL | |
| | | 457 | 353-051E | SCREW | SPECIAL (3X12) | |
| | | 462 | 353-136A | SCREW | SPECIAL(FBK) (353S353A) | |

RUN DATE : 99.06.18
NSP: Not Service Part

| S | AL | LOCA.NO | PART NO(GS) | DESCRIPTION | SPECIFICATION | REMARKS |
|---|---|---|---|---|---|---|
| | | | | **ASSEMBLY PARTS SECTION** | | |
| | | A43 | 3721R-F108D | PANEL ASSY,FRONT[NORMAL PARTS] | VS-J701EO-D | |
| | | A43 | 3721R-F108E | PANEL ASSY,FRONT[NORMAL PARTS] | VS-J701EO-DN | |
| | | A49 | 6871R-1240A | PWB(PCB) ASSY | TIMER(AKAI,0PNL) | |
| | | | | **PARTS SECTION** | | |
| | | 250 | 3110R-0128K | CASE | TOP(N911G:M/G),SIDE | |
| | | 250 | 3210R-0023B | FRAME | MAIN (VII-PJT, 60HR) | NSP |
| | | 275 | 4930R-0133A | HOLDER | DIGITRON(UP-MONO) | |
| | | 280 | 3720R-F080B | PANEL | FRONT | NSP |
| | | 283 | 3580R-0043D | DOOR | CST(VS-J701EO-D ) | |
| | | 283 | 3580R-0043E | DOOR | CST(VS-J701EO-DN) | |
| | | 284 | 442-681A | SPRING | DOOR | |
| | | 300 | 6410RCHV02A | POWER CORD | H03VVH2-F2 X 0.75MM FILTER VOL | |
| | | 320 | 3721R-D023E | PANEL ASSY,DISTRIBUTOR[NORMAL | AF-PAL HI-FI-2SCART -PREMERE | |
| | | 323 | 3111R-0089B | CASE ASSY | PRE-AMP (PBSB-SH) | |
| | | 330 | 3550R-0210A | COVER | BOTTOM(LARGE) | |
| | | | | **SCREW** | | |
| | | 452 | 353-051A | SCREW | SPECIAL | |
| | | 457 | 353-051E | SCREW | SPECIAL (3X12) | |
| | | 462 | 353-136A | SCREW | SPECIAL(FBK) (353S353A) | |

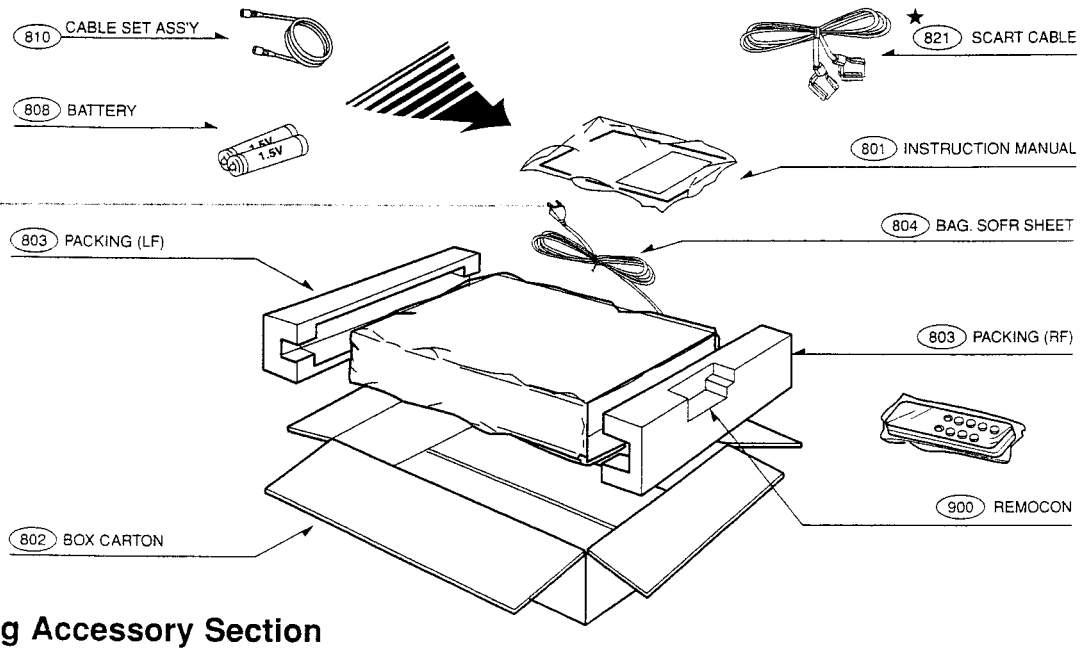
RUN DATE : 99.06.18
NSP: Not Service Part

| S | AL | LOCA.NO | PART NO(GS) | DESCRIPTION | SPECIFICATION | REMARKS |
|---|---|---|---|---|---|---|
| | | | | **ASSEMBLY PARTS SECTION** | | |
| | | A43 | 3721R-F107H | PANEL ASSY,FRONT[NORMAL PARTS] | (VS-J718EO-D ) M/G | |
| | | A43 | 3721R-F107P | PANEL ASSY,FRONT[NORMAL PARTS] | (VS-J718EO-DN) | |
| | | A43 | 3721R-F107X | PANEL ASSY,FRONT[NORMAL PARTS] | (VS-J718EO-D ) D/BK | |
| | | A49 | 6871R-1241A | PWB(PCB) ASSY | TIMER(AKAI,1PNL) | |
| | | | | **PARTS SECTION** | | |
| | | 250 | 3110R-0128K | CASE | TOP(VS-J718EO-DN) M/G | |
| | | 250 | 3110R-0128R | CASE | TOP(VS-J718EO-D ) D/BK | |
| | | 260 | 3210R-0023B | FRAME | MAIN (VII-PJT, 60HR) | NSP |
| | | 275 | 4930R-0133A | HOLDER | DIGITRON(UP-MONO) | |
| | | 280 | 3720R-F081A | PANEL | FRONT (VS-J718EO-DN) | NSP |
| | | 280 | 3720R-F081H | PANEL | FRONT (VS-J718EO-D ) D/BK | NSP |
| | | 283 | 3580R-0038H | DOOR | CST(VS-J718EO-D ) | |
| | | 283 | 3580R-0038P | DOOR | CST(VS-J718EO-DN) | |
| | | 284 | 442-681A | SPRING | DOOR | |
| | | 300 | 6410RCHV02A | POWER CORD | H03VVH2-F2 X 0.75MM FILTER VOL | |
| | | 320 | 3721R-D023E | PANEL ASSY,DISTRIBUTOR[NORMAL | AF-PAL HI-FI-2SCART-PREMERE | |
| | | 323 | 3111R-0089B | CASE ASSY | PRE-AMP (PBSB-SH) | |
| | | 330 | 3550R-0210A | COVER | BOTTOM(LARGE) | |
| | | | | **SCREW** | | |
| | | 452 | 353-051A | SCREW | SPECIAL | |
| | | 457 | 353-051E | SCREW | SPECIAL (3X12) | |
| | | 462 | 353-136A | SCREW | SPECIAL(FBK) (353S353A) | |

## 2. Packing Accessory Section

NOTE) Refer to "SECTION REPLACEMENT PARTS LIST in order to look for the part number of each part.

★ OPTIONAL PARTS




## • Packing Accessory Section

RUN DATE : 99.05.19
NSP: Not Service Part

| S | AL | LOCA.NO | PART NO(GS) | DESCRIPTION | SPECIFICATION | REMARKS |
|---|---|---|---|---|---|---|
| | | 801 | 3835RP0037T | INSTRUCTION ASSY | (VS-J218EO) :FINLAND | |
| | | 801 | 3835RP0037U | INSTRUCTION ASSY | (VS-J418EO) :GERMANY | |
| | | 801 | 3835RP0037V | INSTRUCTION ASSY | (VS-J418EO) :SPAIN | |
| | | 801 | 3835RP0037W | INSTRUCTION ASSY | (VS-J200EO) :FINLAND | |
| | | 801 | 3835RP0037X | INSTRUCTION ASSY | (VS-J200EO) :GERMANY | |
| | | 801 | 3835RP0037Y | INSTRUCTION ASSY | (VS-J200EO) :SPAIN | |
| | | 802 | 3890R-H399A | BOX | (VS-J200EO) | |
| | | 802 | 3890R-H401A | BOX | (VS-J218EO) SW | |
| | | 802 | 3890R-H401B | BOX | (VS-J218EO) FL | |
| | | 802 | 3890R-H402A | BOX | (VS-J418EO) | |
| | | 803 | 3920R-0075A | PACKING | AK219I 0.02 1 EPS 1 1 1 | |
| | OR | 804 | 292-053A | BAG | SOFT(VCP) | NSP |
| | | 804 | 3858R-0006A | SHEET | ROLL(W630XL300MX0.5T) | NSP |
| | | 808 | 534-002C | BATTERY | 1.5V AAM UM-3 LOL 1PAIR | |
| | | 810 | 861-505B | CABLE SET ASSY | RF-CABLE,ASSY,PAL | |

RUN DATE : 99.06.18
NSP: Not Service Part

| S | AL | LOCA.NO | PART NO(GS) | DESCRIPTION | SPECIFICATION | REMARKS |
|---|---|---|---|---|---|---|
| | | 801 | 3835RP0037Z | INSTRUCTION ASSY | (VS-J701EO-DN) :FINLAND | |
| | | 801 | 3835RP0042A | INSTRUCTION ASSY | (VS-J701EO-DN) :NETHERLAND | |
| | | 801 | 3835RP0042B | INSTRUCTION ASSY | (VS-J701EO-D ) :GERMANY | |
| | | 801 | 3835RP0042C | INSTRUCTION ASSY | (VS-J701EO-DN) :PORTUGAL | |
| | | 802 | 3890R-H393A | BOX | (VS-J701EO-DN) :FILLAND | |
| | | 802 | 3890R-H394A | BOX | (VS-J701EO-DN) :NETHER/PORTUGA | |
| | | 802 | 3890R-H403A | BOX | (VS-J701EO-D ) :GERMANY | |
| | | 803 | 3920R-0075A | PACKING | AK219I 0.02 1 EPS 1 1 1 | |
| | OR | 804 | 292-053A | BAG | SOFT(VCP) | NSP |
| | | 804 | 3858R-0006A | SHEET | ROLL(W630XL300MX0.5T) | NSP |
| | | 808 | 534-002C | BATTERY | 1.5V AAM UM-3 LOL 1PAIR | |
| | | 810 | 861-505J | CABLE SET ASSY | RF-CABLE ASSY PAL FTZ | |

RUN DATE : 99.06.18
NSP: Not Service Part

| S | AL | LOCA.NO | PART NO(GS) | DESCRIPTION | SPECIFICATION | REMARKS |
|---|---|---|---|---|---|---|
| | | 801 | 3835RP0037Q | INSTRUCTION ASSY | (VS-J718EO-D ) :GERMANY | |
| | | 801 | 3835RP0037R | INSTRUCTION ASSY | (VS-J718EO-DN) :FINLAND | |
| | | 801 | 3835RP0037S | INSTRUCTION ASSY | (VS-J718EO-DN) :NETHERLAND | |
| | | 802 | 3890R-H392A | BOX | (VS-J718EO-DN)FINLA/NETHERLAND | |
| | | 802 | 3890R-H400A | BOX | (VS-J718EO-D N) :GERMANY | |
| | | 802 | 3890R-H400B | BOX | (VS-J718EO-D N) :GERMANY | |
| | | 803 | 3920R-0075A | PACKING | AK219I 0.02 1 EPS 1 1 1 | |
| | OR | 804 | 292-053A | BAG | SOFT(VCP) | NSP |
| | | 804 | 3858R-0006A | SHEET | ROLL(W630XL300MX0.5T) | NSP |
| | | 808 | 534-002C | BATTERY | 1.5V AAM UM-3 LOL 1PAIR | |
| | | 810 | 861-505J | CABLE SET ASSY | RF-CABLE ASSY PAL FTZ | |

## • Remote Control Section

RUN DATE : 99.06.19
NSP: Not Service Part

| S | AL | LOCA.NO | PART NO(GS) | DESCRIPTION | SPECIFICATION | REMARKS |
|---|---|---|---|---|---|---|
| | | 900 | 6711R2P016D | REMOTE CONTROLLER ASSY | (VS-J418EO/J218EO) | |
| | | 900 | 6711R2P016G | REMOTE CONTROLLER ASSY | (VS-J200EO) | |

RUN DATE : 99.06.18
NSP: Not Service Part

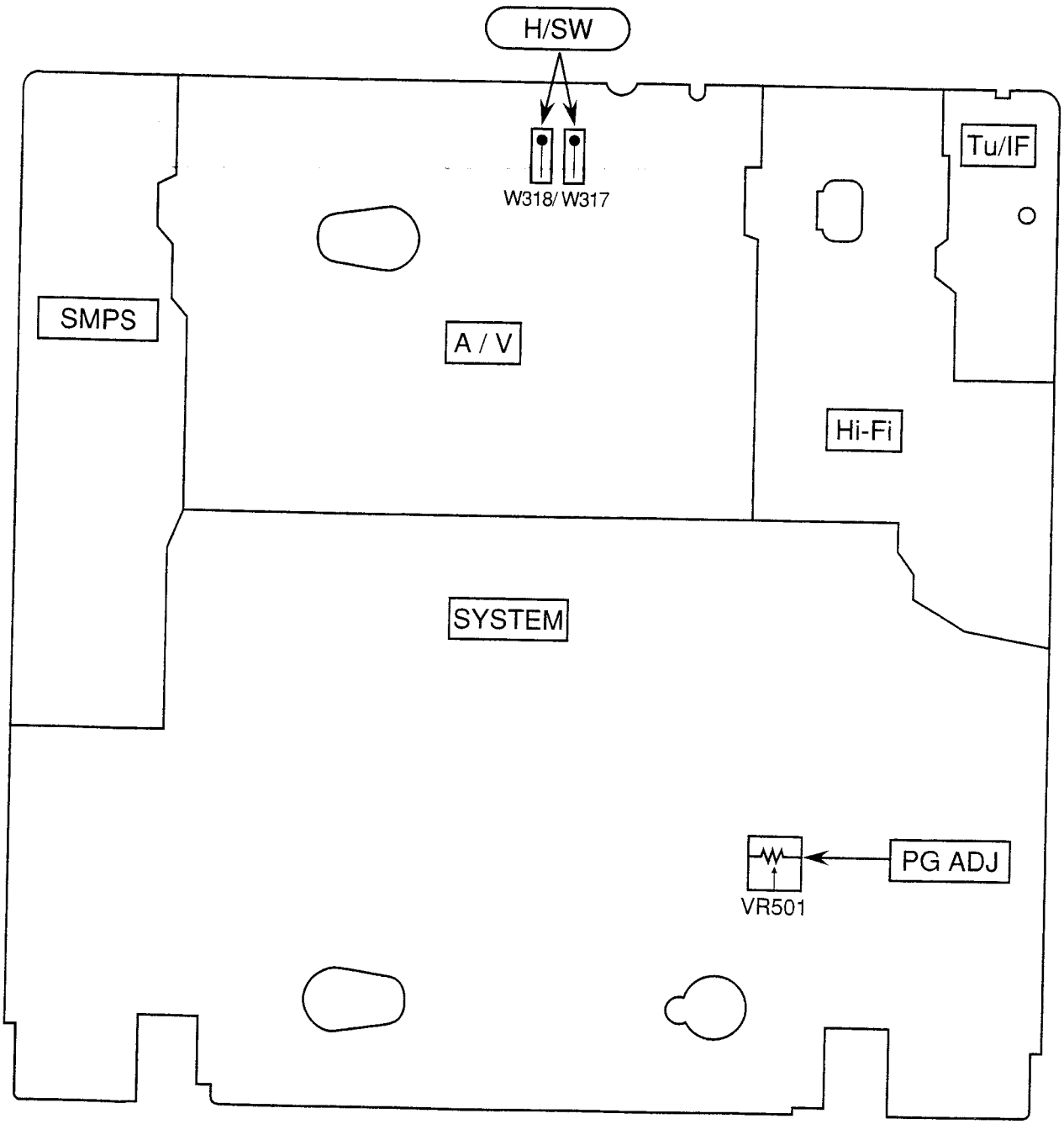
| S | AL | LOCA.NO | PART NO(GS) | DESCRIPTION | SPECIFICATION | REMARKS |
|---|---|---|---|---|---|---|
| | | 900 | 6711R2P016G | REMOTE CONTROLLER ASSY | (A1:RC-Z101E) | |

RUN DATE : 99.05.18
NSP: Not Service Part

| S | AL | LOCA.NO | PART NO(GS) | DESCRIPTION | SPECIFICATION | REMARKS |
|---|---|---|---|---|---|---|
| | | 900 | 6711R2P017A | REMOTE CONTROLLER ASSY | (A1:RC-Y171E RC-Z122E) | |

# SECTION 3 ELECTRICAL
## ELECTRICAL ADJUSTMENT POINTS ARRANGEMENT

: Measurement point
: Adjustment point




**MAIN P.C.B**

**(Component Side)**

# ELECTRICAL ADJUSTMENT PROCEDURES

## 1. Servo Adjustment

1) PG Adjustment

• Test Equipment

a) OSCILLOSCOPE

b) PAL TEST TAPE (VHS SP)

• Adjustment And Specification

| MODE | MEASUREMENT POINT | ADJUSTMENT POINT | SPECIFICATION |
|---|---|---|---|
| PLAY | V.Out<br>H/SW(W317, W318) | VR501 | 6.5 ± 0.5H |

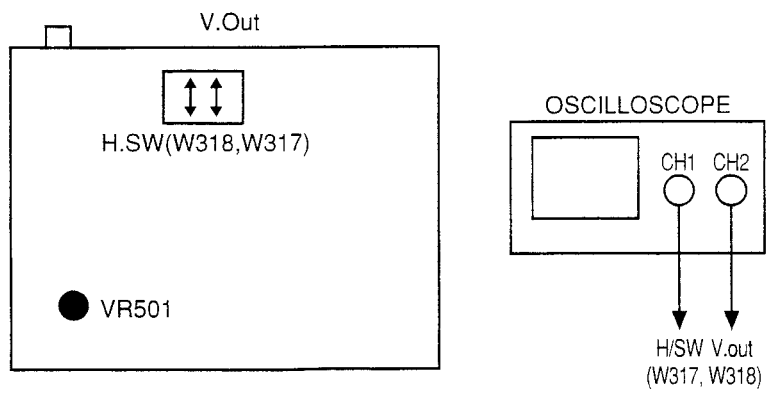
### • Adjustment Procedure

a) Insert the PAL SP Test Tape and play.
Note - Adjust the distance of X, pressing the Tracking(+) or Tracking(-) when the "ATR" is blink after the PAL SP Test Tape is inserted.

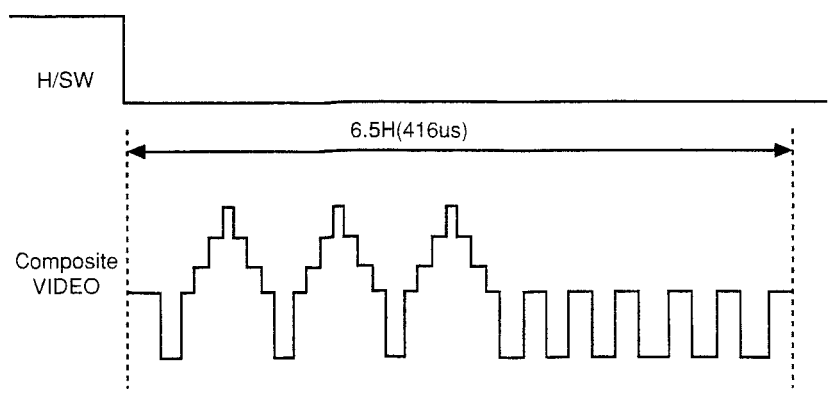
b) Connect the CH1 of the oscilloscope to the H/SW(W317, 318) and CH2 to the Video Out for the VCR.

c) Trigger the mixed Video Signal of CH2 to the CH1 H.SW(W317, W318), and then check the distance (time difference), which is from the selected A(B) Head point of the H.SW(W317, W318) signal to the starting point of the vertical synchronized signal, to 6.5H ± 0.5H (412μs, 1H=63.5μs).

### • CONNECTION




### • WAVEFORM



## 2. Inital adjustment standards

1. I-HQ INITIAL ADJUSTMENT

• Measuring instruments

a) REMOCON

b) NORMAL REC TEST TAPE (TF-556 (AF-751822J))

### • CONDITION

| MODE | VIDEO SIGNAL | REC TIME | CHECK |
|---|---|---|---|
| REC/PB | COLOR BAR | SP : MORE THAN 10 SEC<br>LP : MORE THAN 10 SEC | CHECK "I-HQ OK" on DIGITRON after putting JIG KEY IN when Playing on each mode after Recording. |

### • HOW TO ADJUST

a) Please Reset the μ-COM(W5H5, W504)

b) Record in Nornal REC Tape on each SP/LP mode for 10 sec.

c) Put two keys at the same time (Play+CH UP key of VCR set) in While screen is playing on SP mode after rewinding (In this case check "I-HQ SP" on DIGITRON)

d) Put two keys at the same time (Play+CH UP key of VCR set) in while normal screen is playing on LP mode. (In this case check "I-HQ OK" on DIGITRON)

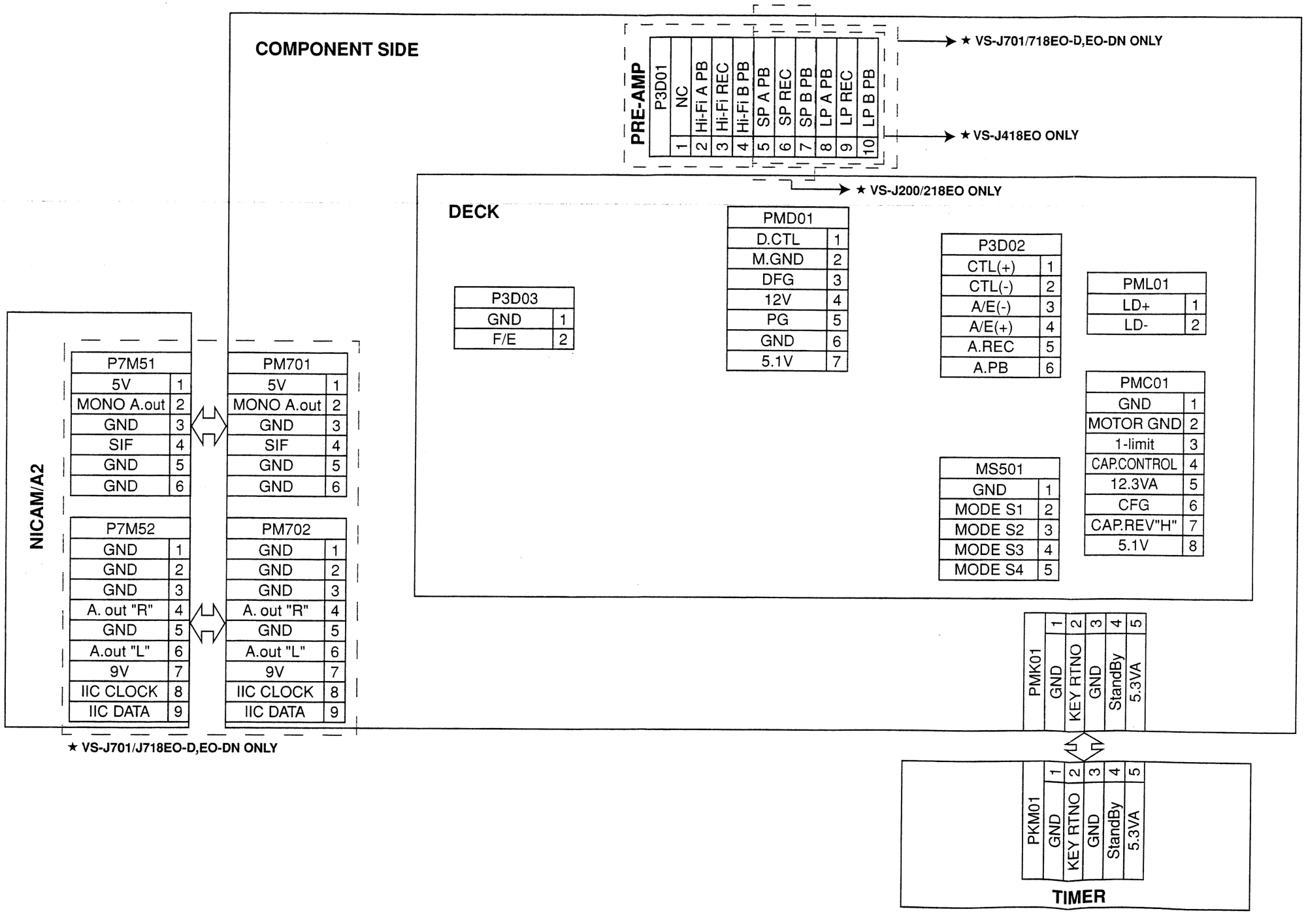
### • CAUTION

a) I-HQ doesn't work normally if you don't use I-HQ Normal Tape(TF-556(AF-751822J)).

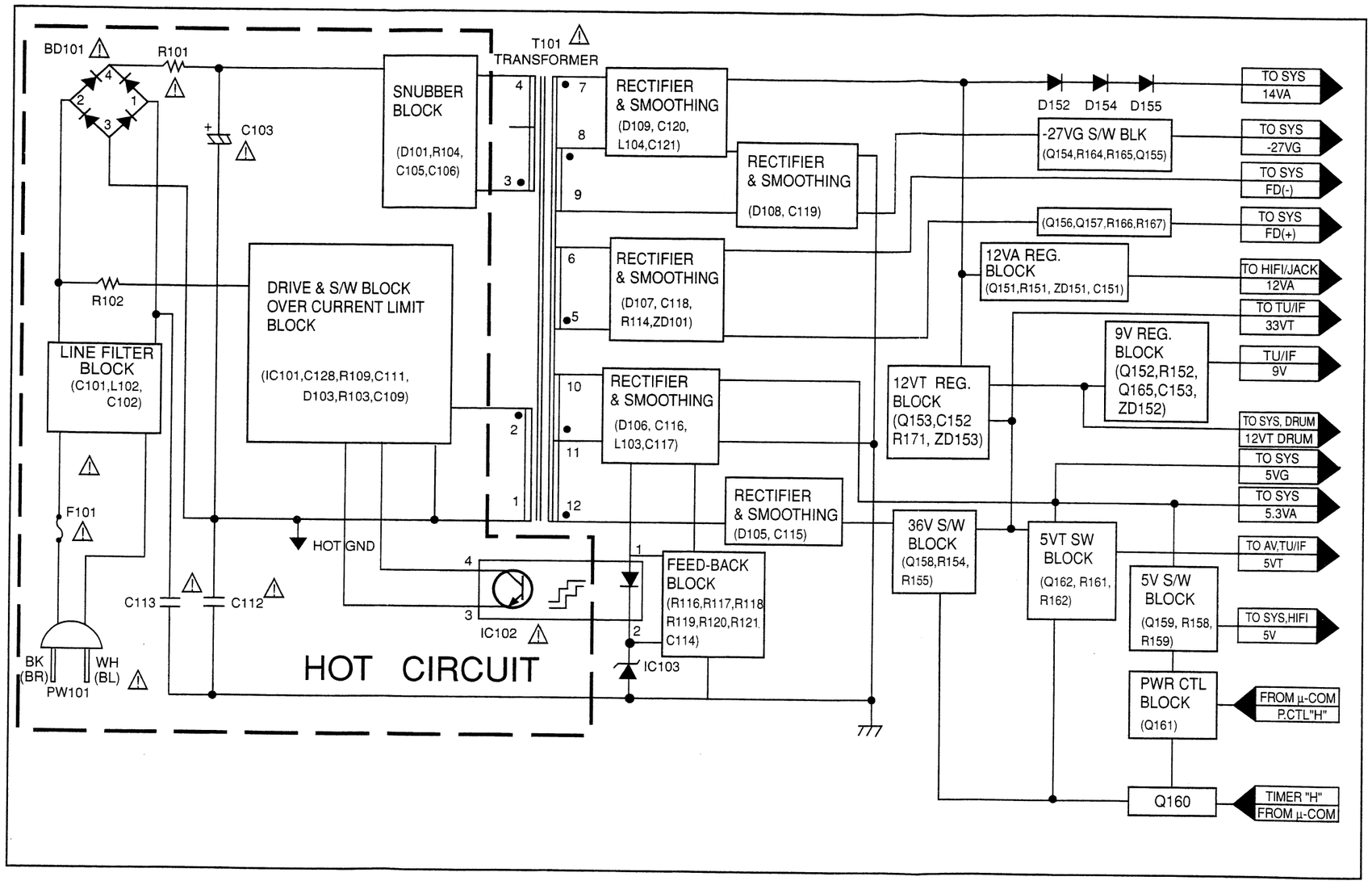
b) I-HQ doesn't work if the recording part finshed with I-HQ JIG KEY in.

# BLOCK & CIRCUIT DIAGRAMS

## 1. Overall Wiring Diagram



## 2. Power Block Diagram




'99 06. 15 R10419BA

**NOTES :** Symbol denotes AC ground.
Symbol denotes DC chassis ground.

*** IC101 Voltage Sheet**

| | | | |
|---|---|---|---|
| PB | 16.1 | 4.0 | |
| REC | 16.3 | 4.6 | |
| | 5 | | |
| | IC101 | | |
| | 1 | | |
| PB | 309 | 0.0 | 0.0 |
| REC | 309 | 0.0 | 0.0 |

*** IC102 Voltage Sheet**

| | | |
|---|---|---|
| PB | 4.0 | 0.0 |
| REC | 4.0 | 0.0 |
| | 4 | |
| | IC102 | |
| | 1 | |
| PB | 4.9 | 3.9 |
| REC | 4.9 | 4.0 |

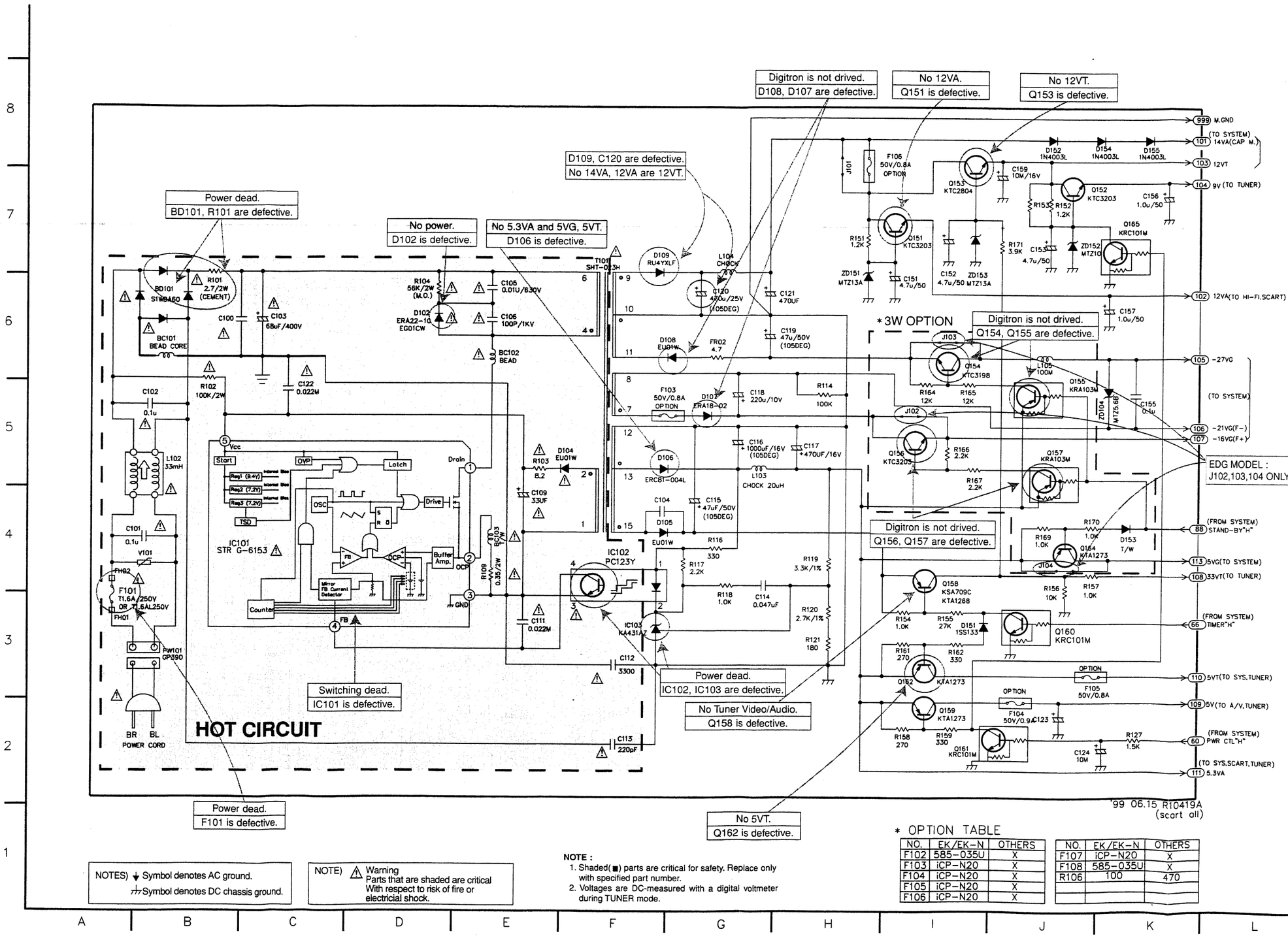
*** IC103 Voltage Sheet**

| | Emitter | | Collector | | Base | |
|---|---|---|---|---|---|---|
| | PB | REC | PB | REC | PB | REC |
| IC103 | 2.5 | 2.5 | 0.0 | 0.0 | 3.9 | 3.9 |

**★ TR Voltage Sheet**

| | Emitter | | Collector | | Base | |
|---|---|---|---|---|---|---|
| | PB | REC | PB | REC | PB | REC |
| Q151 | 11.9 | 11.8 | 14.8 | 15.0 | 12.5 | 12.4 |
| Q152 | 9.4 | 9.3 | 11.8 | 11.6 | 10.0 | 9.9 |
| Q153 | 11.8 | 11.7 | 14.8 | 15.0 | 12.4 | 12.3 |
| Q154 | -27.3 | -27.9 | -27.3 | -27.8 | -26.6 | -27.0 |
| Q155 | 5.3 | 5.3 | 5.2 | 5.3 | 0.0 | 0.0 |
| Q156 | -16.1 | -16.5 | -16.0 | -16.4 | -15.4 | -15.7 |
| Q157 | 5.3 | 5.3 | 5.2 | 5.2 | 0.0 | 0.0 |
| Q158 | 35.6 | 36.0 | 35.3 | 35.7 | 35.0 | 35.4 |
| Q159 | 5.3 | 5.3 | 5.2 | 5.2 | 4.5 | 4.5 |
| Q160 | 0.0 | 0.0 | 0.0 | 0.0 | 5.0 | 5.0 |
| Q161 | 0.0 | 0.0 | 0.1 | 0.0 | 5.0 | 5.0 |
| Q162 | 5.3 | 5.3 | 5.2 | 5.2 | 4.5 | 4.5 |
| Q164 | 5.3 | 5.3 | 5.3 | 5.3 | 4.6 | 4.6 |
| Q165 | 0.0 | 0.0 | 10.0 | 10.0 | 0.0 | 0.0 |

## 2. Power Circuit Diagram




NOTES) ⏚ Symbol denotes AC ground.
⏚ Symbol denotes DC chassis ground.

NOTE) ⚠ Warning
Parts that are shaded are critical With respect to risk of fire or electricial shock.

**NOTE :**
1. Shaded(■) parts are critical for safety. Replace only with specified part number.
2. Voltages are DC-measured with a digital voltmeter during TUNER mode.

* OPTION TABLE

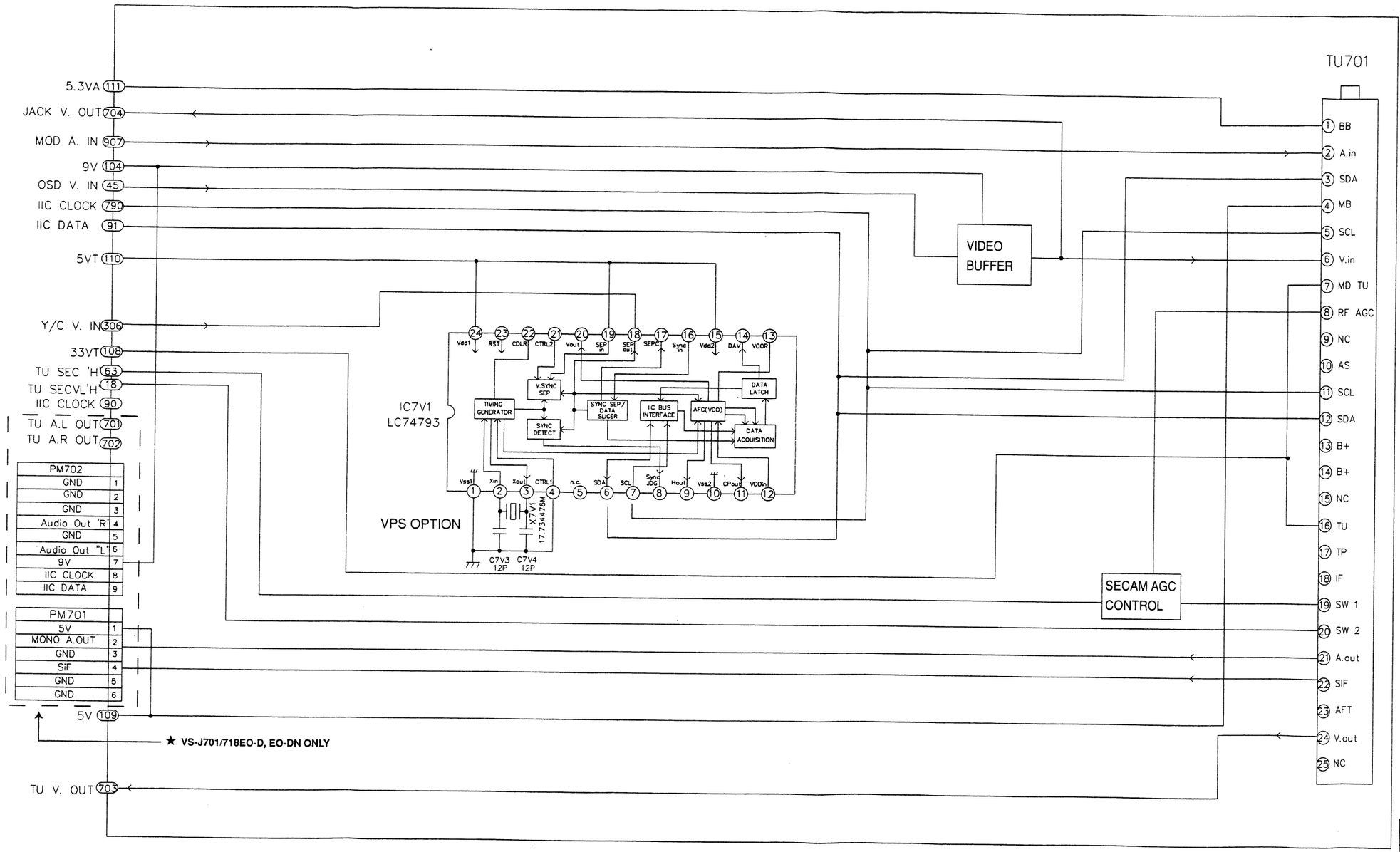
| NO. | EK/EK-N | OTHERS |
|---|---|---|
| F102 | 585-035U | X |
| F103 | iCP-N20 | X |
| F104 | iCP-N20 | X |
| F105 | iCP-N20 | X |
| F106 | iCP-N20 | X |

| NO. | EK/EK-N | OTHERS |
|---|---|---|
| F107 | iCP-N20 | X |
| F108 | 585-035U | X |
| R106 | 100 | 470 |
| | | |
| | | |

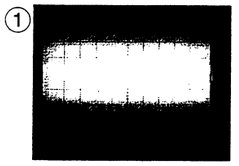
### LOCATION GUIDE

| | | | |
|---|---|---|---|
| BC101 | B6 | J104 | J4 |
| BC102 | E6 | L102 | B5 |
| BC103 | E4 | L103 | G5 |
| BD101 | B6 | L104 | G7 |
| C100 | B6 | L105 | J6 |
| C101 | A4 | PW101 | B3 |
| C102 | B5 | Q151 | I7 |
| C103 | C6 | Q152 | J7 |
| C104 | F4 | Q153 | I7 |
| C105 | E6 | Q154 | I6 |
| C106 | E6 | Q155 | J6 |
| C109 | E4 | Q156 | I5 |
| C111 | E3 | Q157 | J5 |
| C112 | F3 | Q158 | I4 |
| C113 | F2 | Q159 | I2 |
| C114 | G3 | Q160 | J3 |
| C115 | G4 | Q161 | I2 |
| C116 | G5 | Q162 | I3 |
| C117 | H5 | Q164 | J4 |
| C118 | G5 | Q165 | K7 |
| C119 | H6 | R101 | B6 |
| C120 | G6 | R102 | B5 |
| C121 | H6 | R103 | E5 |
| C122 | C5 | R104 | D6 |
| C123 | J2 | R109 | E4 |
| C124 | J2 | R114 | H5 |
| C151 | I6 | R116 | G4 |
| C152 | I7 | R117 | G4 |
| C153 | J7 | R118 | G3 |
| C155 | K5 | R119 | H4 |
| C156 | K7 | R120 | H3 |
| C157 | K6 | R121 | H3 |
| C159 | J8 | R127 | K2 |
| D102 | D6 | R151 | H7 |
| D104 | E5 | R152 | J7 |
| D105 | F4 | R153 | J7 |
| D106 | F5 | R154 | I3 |
| D107 | G5 | R155 | I3 |
| D108 | F6 | R156 | J4 |
| D109 | F7 | R157 | J4 |
| D151 | I3 | R158 | I2 |
| D152 | J8 | R159 | I2 |
| D153 | K4 | R161 | I3 |
| D154 | J8 | R162 | I3 |
| D155 | K8 | R164 | I5 |
| F103 | F5 | R165 | I5 |
| F104 | J2 | R166 | I5 |
| F105 | J3 | R167 | I5 |
| F106 | I8 | R169 | J4 |
| FH01 | A3 | R170 | J4 |
| FH02 | A4 | R171 | J7 |
| FR02 | G6 | T101 | F7 |
| IC101 | B4 | V101 | B4 |
| IC102 | F4 | ZD104 | K5 |
| IC103 | F3 | ZD151 | H7 |
| J101 | H7 | ZD152 | J7 |
| J102 | I5 | ZD153 | I7 |
| J103 | I6 | | |

# 3. Tu/IF Block Diagram



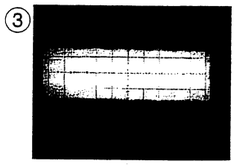

## * TU/IF Oscilloscope Waveform

① 

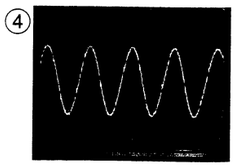
TU701 18 Pin
(IF Signal)

②

TU701 24 Pin
(Video Signal)

③ 

TU701 22 Pin
(SIF Signal)

④ 

TU701 21 Pin
(Audio signal)

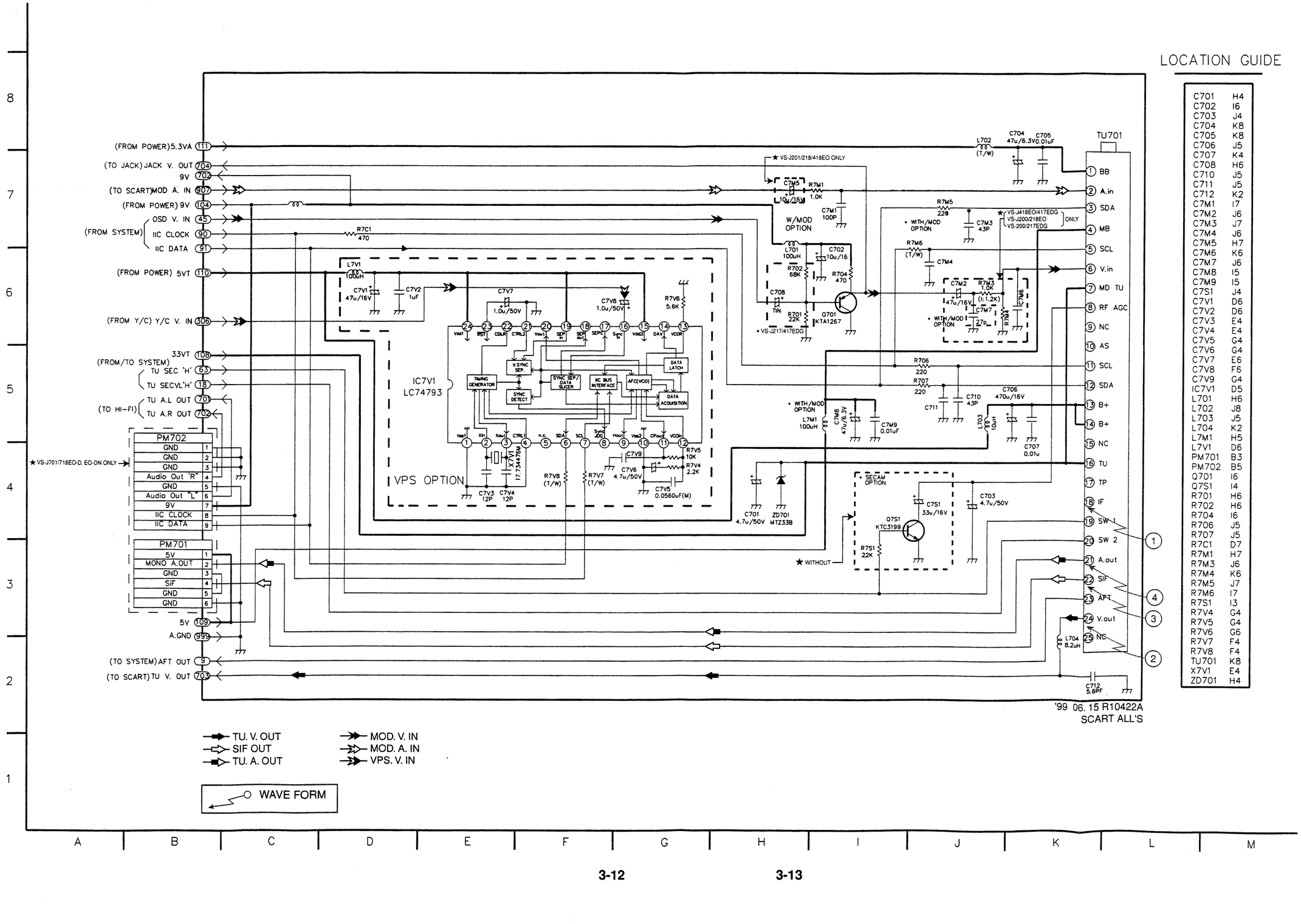
## * TU701 Voltage Sheet

| | | | | | |
|---|---|---|---|---|---|
| 1 | BB | 5.25 | 13 | B+ | 4.985 |
| 2 | A.iN | 0.002 | 14 | B+ | 4.985 |
| 3 | SEA | 5.1 | 15 | NC | 0 |
| 4 | MB | 5.19 | 16 | TU | 32.29 |
| 5 | SCL | 5.2 | 17 | TP | 0 |
| 6 | V.iN | 0 | 18 | IF | 0 |
| 7 | MD TU | 32.27 | 19 | SW1 | 5.0541 |
| 8 | KF AGC | 2.55 | 20 | SW2 | 0 |
| 9 | NC | 0 | 21 | A.OUT | 2.38 |
| 10 | AS | 0.048 | 22 | SIF | 0 |
| 11 | SCL | 5.1 | 23 | AFT | 2.463 |
| 12 | SEA | 5.2 | 24 | V.OUT | 1.337 |
| | | | 25 | NC | 0 |

## * IC7V1 Voltage Sheet

| | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5.022 | 4.997 | 4.497 | 0.002 | 4.969 | 5.032 | 4.602 | 2.53 | 2.933 | 5.032 | 0.158 | 1.276 | | | | | | | | | | | | |
| | | | | | | | | | | | | 20 | | | | | | | | | | 15 | |
| IC7V1(LC74793) | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | 5 | | | | | | | | 10 |
| 0.003 | 2.553 | 2.627 | 0.002 | 0.001 | 5.2 | 5.2 | 5.012 | 4.645 | 0.003 | 2.993 | 2.992 | | | | | | | | | | | | |

## 3. Tu/IF Circuit Diagram

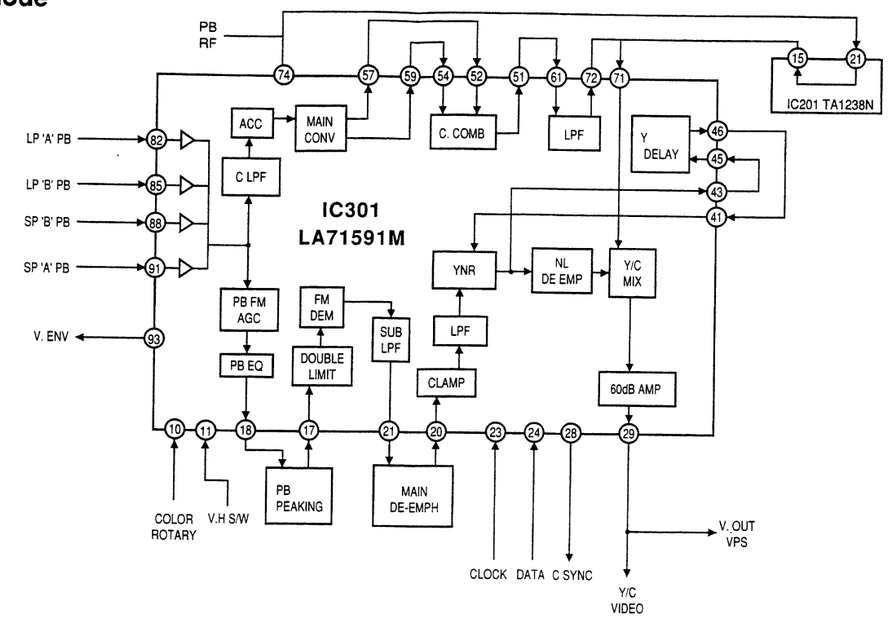



LOCATION GUIDE

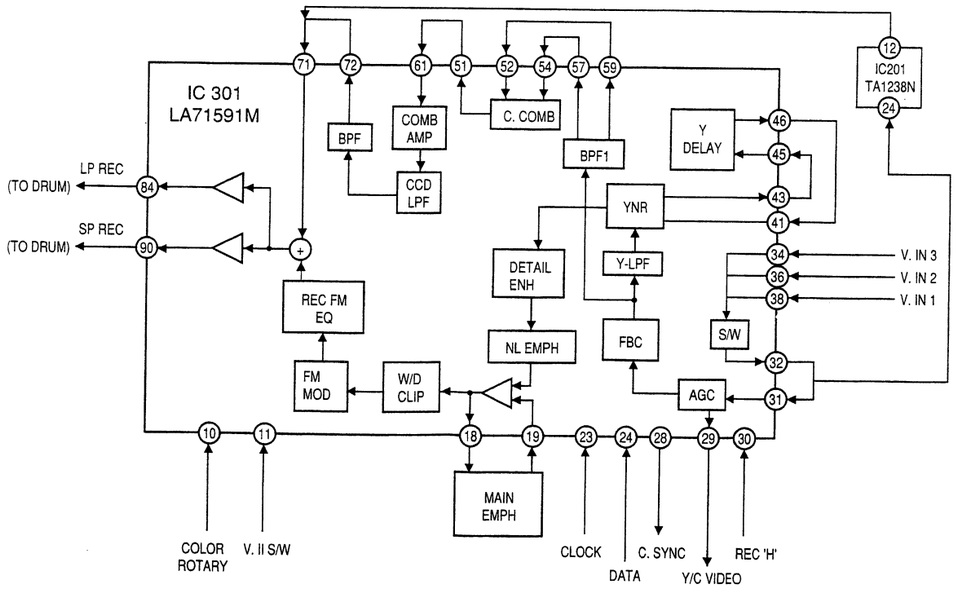
| | |
|---|---|
| C701 | H4 |
| C702 | I6 |
| C703 | J4 |
| C704 | K8 |
| C705 | K8 |
| C706 | J5 |
| C707 | K4 |
| C708 | H6 |
| C710 | J5 |
| C711 | J5 |
| C712 | K2 |
| C7M1 | I7 |
| C7M2 | J6 |
| C7M3 | J7 |
| C7M4 | J6 |
| C7M5 | H7 |
| C7M6 | K6 |
| C7M7 | J6 |
| C7M8 | I5 |
| C7M9 | I5 |
| C7S1 | J4 |
| C7V1 | D6 |
| C7V2 | D6 |
| C7V3 | E4 |
| C7V4 | E4 |
| C7V5 | G4 |
| C7V6 | G4 |
| C7V7 | E6 |
| C7V8 | F6 |
| C7V9 | G4 |
| IC7V1 | D5 |
| L701 | H6 |
| L702 | J8 |
| L703 | J5 |
| L704 | K2 |
| L7M1 | H5 |
| L7V1 | D6 |
| PM701 | B3 |
| PM702 | B5 |
| Q701 | I6 |
| Q7S1 | I4 |
| R701 | H6 |
| R702 | H6 |
| R704 | I6 |
| R706 | J5 |
| R707 | J5 |
| R7C1 | D7 |
| R7M1 | H7 |
| R7M3 | J6 |
| R7M4 | K6 |
| R7M5 | J7 |
| R7M6 | I7 |
| R7S1 | I3 |
| R7V4 | G4 |
| R7V5 | G4 |
| R7V6 | G6 |
| R7V7 | F4 |
| R7V8 | F4 |
| TU701 | K8 |
| X7V1 | E4 |
| ZD701 | H4 |

## 4. Y/C Block Diagram

### 1) PB Mode



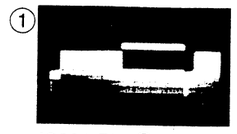

### 2) REC Mode



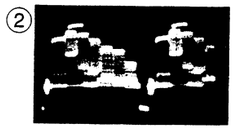



## WAVEFORM & VOLTAGE SHEET

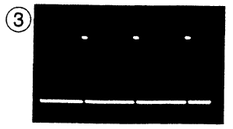
### ★ IC301 Oscilloscope Waveform



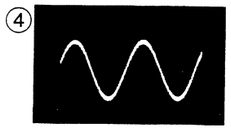
① IC301 Pin ⑳
PB mode
500mvp-p



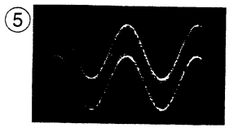
② IC301 Pins ㊳ ,㉜ , ㉛
Video in
1Vp-p



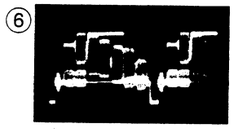
③ IC301 Pin ㉘
PB/REC mode
4.2Vp-p



④ IC301 Pin ⑦
REC mode
1.4Vp-p

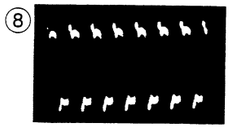


⑤ IC301 Pin ⑥
REC mode
2.2Vp-p

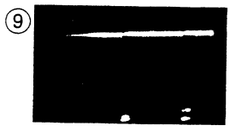


⑥ IC301 Pin ㉙
PB mode
2.1Vp-p

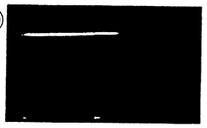
⑦ IC301 Pin ㊶
PB mode
400mVp-p



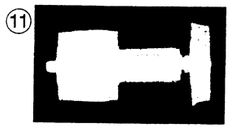
⑧ IC301 Pin ㊹
PB mode
600mVp-p



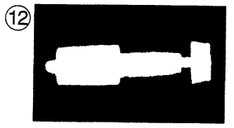
⑨ IC301 Pin ㉓
PB/REC mode
5Vp-p



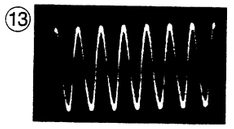
⑩ IC301 Pin ㉔
PB/REC mode
5Vp-p



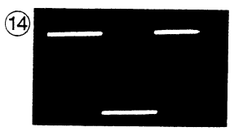
⑪ IC301 Pins ㊶ , ㊷
REC mode
340mVp-p



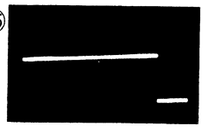
⑫ IC301 Pins ㊶ , ㊷ , ㊹
PB mode
300mVp-p



⑬ IC301 Pin ㊸
PB mode
600mVp-p



⑭ IC301 Pin ⑪
PB mode
3.2Vp-p



⑮ IC301 Pin ⑩
PB mode
1.8Vp-p

⑯ IC301 Pin ㊸
PB mode
400mVp-p

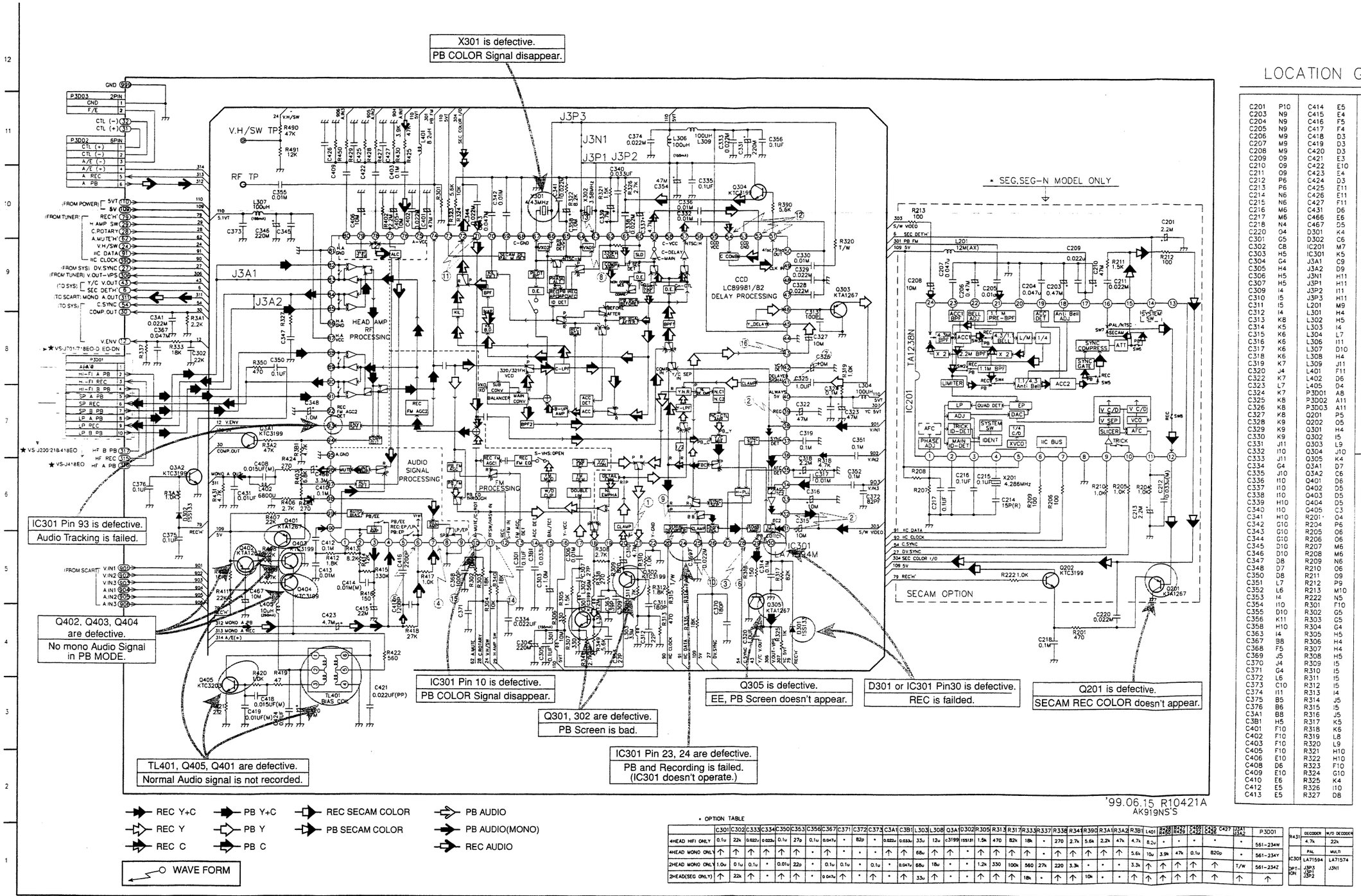
### ★ IC301 Voltage Sheet

| PIN | PB | REC | PIN | PB | REC | PIN | PB | REC | PIN | PB | REC | PIN | PB | REC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.44 | 2.41 | 21 | 2.15 | 2.54 | 41 | 3.02 | 2.9 | 61 | 3.36 | 3.43 | 81 | 0.0 | 0.0 |
| 2 | 2.44 | 2.41 | 22 | 0.0 | 0.0 | 42 | 2.79 | 3.1 | 62 | 3.47 | 3.45 | 82 | 0.01 | 0.01 |
| 3 | 2.47 | 2.52 | 23 | 4.85 | 4.85 | 43 | 1.96 | 2.11 | 63 | 5.0V | 5.0V | 83 | 0.01 | 0.01 |
| 4 | 2.45 | 2.39 | 24 | 4.85 | 4.85 | 44 | 0.17 | 0.17 | 64 | 5.0V | 5.0V | 84 | 0.76 | 0.69 |
| 5 | 0.05 | 2.4 | 25 | 0.0 | 0.0 | 45 | 1.53 | 2.26 | 65 | 2.06 | 1.35 | 85 | 0.76 | 0.69 |
| 6 | 2.47 | 2.42 | 26 | 0.07 | 0.07 | 46 | 1.64 | 1.5 | 66 | 2.63 | 2.75 | 86 | 0.0 | 0.0 |
| 7 | 2.47 | 2.42 | 27 | 0.34 | 0.34 | 47 | 9.59 | 9.53 | 67 | 3.9 | 3.72 | 87 | 4.97 | 4.99 |
| 8 | 0.0 | 0.0 | 28 | 0.34 | 0.34 | 48 | 2.21 | 2.33 | 68 | 0.0 | 0.0 | 88 | 1.89 | 4.84 |
| 9 | 0.0 | 0.0 | 29 | 1.73 | 1.94 | 49 | 0.88 | 0.89 | 69 | 0.63 | 0.6 | 89 | 0.0 | 0.0 |
| 10 | 0.97 | 0.97 | 30 | 1.09 | 4.35 | 50 | 0.0 | 0.0 | 70 | 1.98 | 2.83 | 90 | 1.89 | 0.0 |
| 11 | 1.7 | 1.7 | 31 | 2.88 | 2.88 | 51 | 1.94 | 1.9 | 71 | 2.5 | 2.43 | 91 | 1.89 | 4.84 |
| 12 | 5.05 | 2.69 | 32 | 1.5 | 2.27 | 52 | 2.59 | 2.59 | 72 | 3.26 | 3.02 | 92 | 0.21 | 0.23 |
| 13 | 1.5 | 1.42 | 33 | 1.87 | 1.31 | 53 | 0.0 | 0.0 | 73 | 3.4 | 3.36 | 93 | 4.23 | 0.02 |
| 14 | 1.9 | 1.53 | 34 | 1.82 | 3.31 | 54 | 2.62 | 2.58 | 74 | 1.8 | 0.01 | 94 | 0.01 | 0.25 |
| 15 | 2.3 | 2.31 | 35 | 1.26 | 3.36 | 55 | 5.07 | 5.01 | 75 | 4.99 | 4.95 | 95 | 0.0 | 0.0 |
| 16 | 5.07 | 5.02 | 36 | 1.82 | 3.31 | 56 | 0.22 | 0.53 | 76 | 2.44 | 2.44 | 96 | 2.26 | 2.26 |
| 17 | 3.03 | 0.17 | 37 | 1.61 | 4.73 | 57 | 3.38 | 3.43 | 77 | 0.01 | 0.01 | 97 | 0.0 | 0.0 |
| 18 | 1.87 | 2.47 | 38 | 2.14 | 2.24 | 58 | 5.01 | 4.98 | 78 | 2.44 | 2.44 | 98 | 2.44 | 1.62 |
| 19 | 1.12 | 2.47 | 39 | 4.05 | 4.06 | 59 | 3.3 | 3.36 | 79 | 2.47 | 2.44 | 99 | 4.97 | 4.11 |
| 20 | 2.98 | 3.04 | 40 | 5.08 | 5.02 | 60 | 3.46 | 3.43 | 80 | 2.38 | 1.92 | 100 | 2.44 | 3.26 |

### ★ TR Voltage Sheet

| | PB mode | | | REC mode | | |
|---|---|---|---|---|---|---|
| | E | C | B | E | C | B |
| Q301 | 1.18 | 4.32 | 1.8 | 1.71 | 3.75 | 2.34 |
| Q302 | 1.3 | 5.09 | 1.9 | 1.89 | 5.09 | 2.51 |
| Q303 | 2.62 | 0.0 | 2.05 | 2.17 | 0.0 | 1.53 |
| Q304 | 1.36 | 5.08 | 1.93 | 1.34 | 5.02 | 1.9 |
| Q305 | 2.43 | 0.0 | 1.75 | 2.53 | 0.0 | 0.55 |

# 4. A/V Circuit Diagram




## LOCATION GUIDE

| | | | | | |
|---|---|---|---|---|---|
| C201 | P10 | C414 | E5 | R333 | C8 |
| C203 | N9 | C415 | E4 | R335 | J4 |
| C204 | N9 | C416 | F5 | R337 | B8 |
| C205 | N9 | C417 | F4 | R338 | H5 |
| C206 | M9 | C418 | D3 | R340 | C5 |
| C207 | M9 | C419 | D3 | R341 | H4 |
| C208 | M9 | C420 | D3 | R349 | H4 |
| C209 | O9 | C421 | E3 | R350 | D8 |
| C210 | O9 | C422 | E10 | R390 | K10 |
| C211 | O9 | C423 | E4 | R3A1 | C8 |
| C212 | P6 | C424 | D3 | R3A2 | D7 |
| C213 | P6 | C425 | E11 | R3A3 | C6 |
| C214 | N6 | C426 | E11 | R3B1 | D7 |
| C215 | N6 | C427 | F11 | R402 | F10 |
| C216 | M6 | C431 | D6 | R403 | D6 |
| C217 | M6 | C466 | E6 | R404 | D6 |
| C218 | N4 | C467 | D5 | R406 | D6 |
| C220 | O4 | D301 | K4 | R407 | D6 |
| C301 | G5 | D302 | C6 | R408 | D5 |
| C302 | C8 | IC201 | M7 | R409 | D5 |
| C303 | H5 | IC301 | K5 | R410 | C5 |
| C304 | G4 | J3A1 | C9 | R411 | C5 |
| C305 | H4 | J3A2 | D9 | R412 | E5 |
| C306 | H5 | J3N1 | H11 | R413 | E5 |
| C307 | H5 | J3P1 | H11 | R414 | E5 |
| C309 | I4 | J3P2 | I11 | R415 | E5 |
| C310 | I5 | J3P3 | H11 | R416 | E5 |
| C311 | I5 | L201 | M9 | R417 | F5 |
| C312 | I4 | L301 | H4 | R418 | F4 |
| C313 | K8 | L302 | H5 | R419 | D4 |
| C314 | K5 | L303 | I4 | R420 | D4 |
| C315 | K6 | L304 | L7 | R421 | C3 |
| C316 | K6 | L306 | I11 | R422 | F4 |
| C317 | K6 | L307 | D10 | R424 | D6 |
| C318 | K6 | L308 | H4 | R425 | F11 |
| C319 | K7 | L309 | J11 | R427 | E11 |
| C320 | J4 | L401 | F11 | R428 | E11 |
| C322 | K7 | L402 | D6 | R429 | E11 |
| C323 | L7 | L405 | D4 | R430 | F11 |
| C324 | K7 | P3D01 | A8 | R431 | C6 |
| C325 | K8 | P3D02 | A11 | R450 | E11 |
| C326 | K8 | P3D03 | A11 | R490 | D11 |
| C327 | K8 | Q201 | P5 | R491 | D11 |
| C328 | K9 | Q202 | P5 | TL401 | C3 |
| C329 | K9 | Q301 | H4 | X201 | N6 |
| C330 | K9 | Q302 | I5 | X301 | G10 |
| C331 | J11 | Q303 | L9 | X302 | H10 |
| C332 | I10 | Q304 | J10 | | |
| C333 | J11 | Q305 | K4 | | |
| C334 | G4 | Q3A1 | D7 | | |
| C335 | J10 | Q3A2 | C6 | | |
| C336 | I10 | Q401 | D6 | | |
| C337 | I10 | Q402 | D5 | | |
| C338 | I10 | Q403 | D5 | | |
| C339 | H10 | Q404 | D5 | | |
| C340 | I10 | Q405 | C3 | | |
| C341 | H10 | R201 | O4 | | |
| C342 | G10 | R204 | P6 | | |
| C343 | G10 | R205 | O6 | | |
| C344 | G10 | R206 | O6 | | |
| C345 | D10 | R207 | M6 | | |
| C346 | D10 | R208 | M6 | | |
| C347 | D8 | R209 | N6 | | |
| C348 | D7 | R210 | O6 | | |
| C350 | D8 | R211 | O9 | | |
| C351 | L7 | R212 | P9 | | |
| C352 | L6 | R213 | M10 | | |
| C353 | I4 | R222 | N5 | | |
| C354 | I10 | R301 | F10 | | |
| C355 | D10 | R302 | G5 | | |
| C356 | K11 | R303 | G5 | | |
| C358 | H10 | R304 | G4 | | |
| C363 | I4 | R305 | H5 | | |
| C367 | B8 | R306 | H4 | | |
| C368 | F6 | R307 | H4 | | |
| C369 | J5 | R308 | H5 | | |
| C370 | J4 | R309 | I5 | | |
| C371 | G4 | R310 | I5 | | |
| C372 | L6 | R311 | I5 | | |
| C373 | C10 | R312 | I5 | | |
| C374 | I11 | R313 | I4 | | |
| C375 | B5 | R314 | J5 | | |
| C376 | B6 | R315 | I5 | | |
| C3A1 | B8 | R316 | J5 | | |
| C3B1 | H5 | R317 | K5 | | |
| C401 | F10 | R318 | K6 | | |
| C402 | F10 | R319 | L8 | | |
| C403 | F10 | R320 | L9 | | |
| C405 | F10 | R321 | H10 | | |
| C406 | E10 | R322 | H10 | | |
| C408 | D6 | R323 | F10 | | |
| C409 | E10 | R324 | G10 | | |
| C410 | E6 | R325 | K4 | | |
| C412 | E5 | R326 | I10 | | |
| C413 | E5 | R327 | D8 | | |

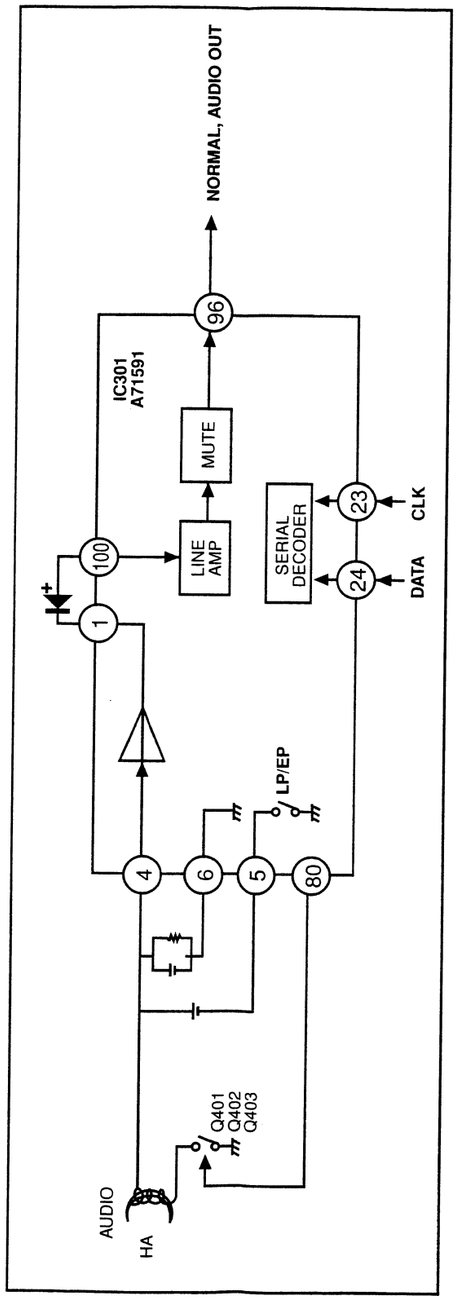
* OPTION TABLE

| | C301 | C302 | C333 | C334 | C350 | C353 | C356 | C367 | C371 | C372 | C373 | C3A1 | C3B1 | L303 | L308 | Q3A | D302 | R305 | R313 | R317 | R333 | R337 | R338 | R341 | R390 | R3A1 | R3A2 | R3B1 | L401 | R428 R429 | R427 C422 | C409 C426 | C425 C428 | C427 | J341 J342 | P3D01 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4HEAD HIFI ONLY | 0.1u | 22k | 0.022u | 0.022u | 0.1u | 27p | 0.1u | 0.047u | * | 82p | * | 0.022u | 0.033u | 33u | 12u | c3199 | 1SS131 | 1.5k | 470 | 82k | 18k | * | 270 | 2.7k | 5.6k | 2.2k | 47k | 4.7k | 8.2k | * | * | * | * | | * | 561-234W |
| 4HEAD MONO ONLY | ↑ | ↑ | ↑ | ↑ | ↑ | ↑ | * | ↑ | * | * | * | ↑ | ↑ | 68u | ↑ | ↑ | * | ↑ | ↑ | ↑ | ↑ | * | ↑ | ↑ | ↑ | ↑ | ↑ | 5.6k | 10u | 3.9k | 47k | 0.1u | 820p | | * | 561-234Y |
| 2HEAD MONO ONLY | 1.0u | 0.1u | 0.1u | * | 0.01u | 22p | * | 0.1u | 0.1u | * | 0.1u | * | 0.047u | 68u | 18u | * | * | 1.2k | 330 | 100k | 560 | 27k | 220 | 3.3k | * | * | * | 3.3k | ↑ | ↑ | ↑ | ↑ | ↑ | T/W | 561-234Z |
| 2HEAD(SEG ONLY) | ↑ | 22k | ↑ | * | ↑ | ↑ | * | 0.047u | ↑ | ↑ | ↑ | * | ↑ | 33u | ↑ | ↑ | * | ↑ | ↑ | ↑ | 18k | * | ↑ | ↑ | 10k | * | * | ↑ | ↑ | ↑ | ↑ | ↑ | ↑ | | ↑ | |

| | DECODER | W/O DECODER |
|---|---|---|
| R431 | 4.7k | 22k |
| IC301 | PAL | MULTI |
| | LA71594 | LA71574 |
| J3DET-ION | J3P3 J3P1 J3P2 | J3N1 |

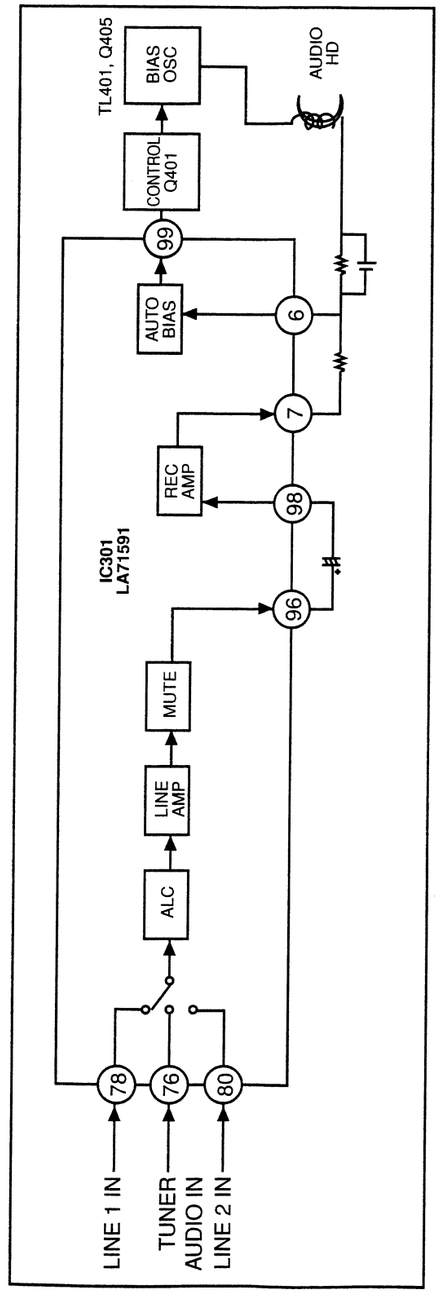
## 4. Audio Block Diagram (VS-J200/218/418EO)

### 1) PB Mode






### 2) REC Mode

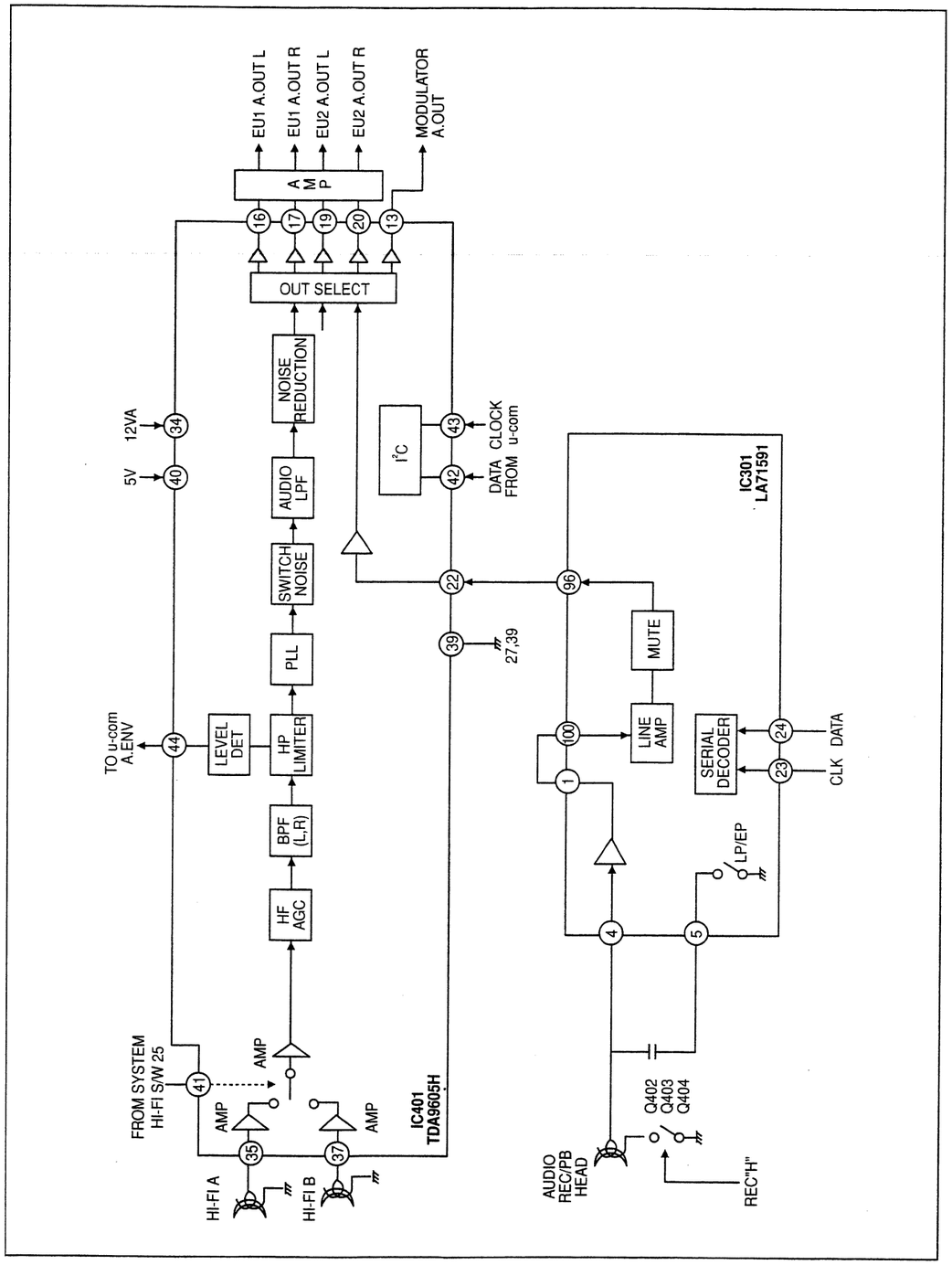





IDE-V24601 / Druck10

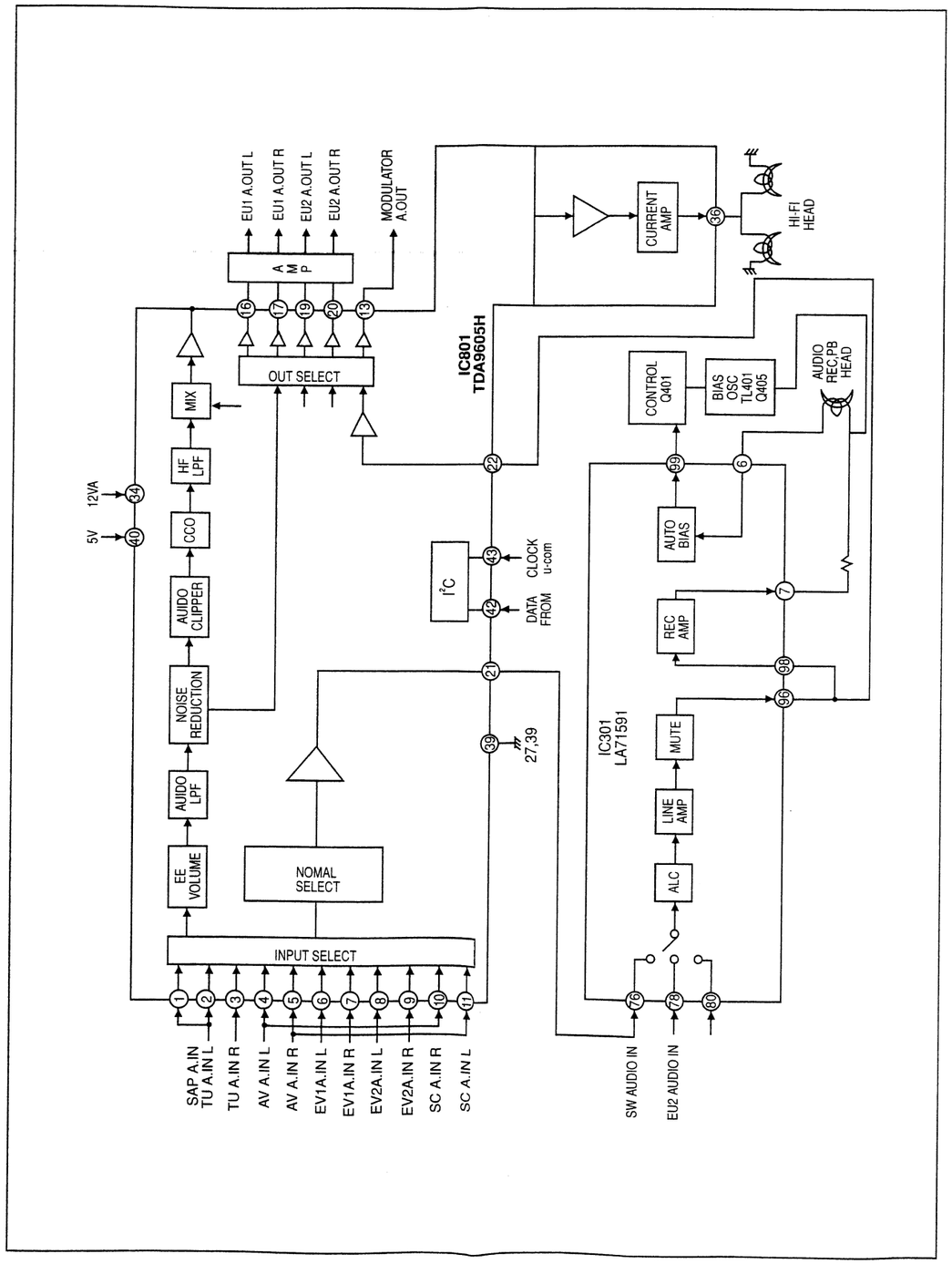
## 4. Hi-Fi Block Diagram (VS-J701/718EO-D,EO-DN)

### 1) PB Mode

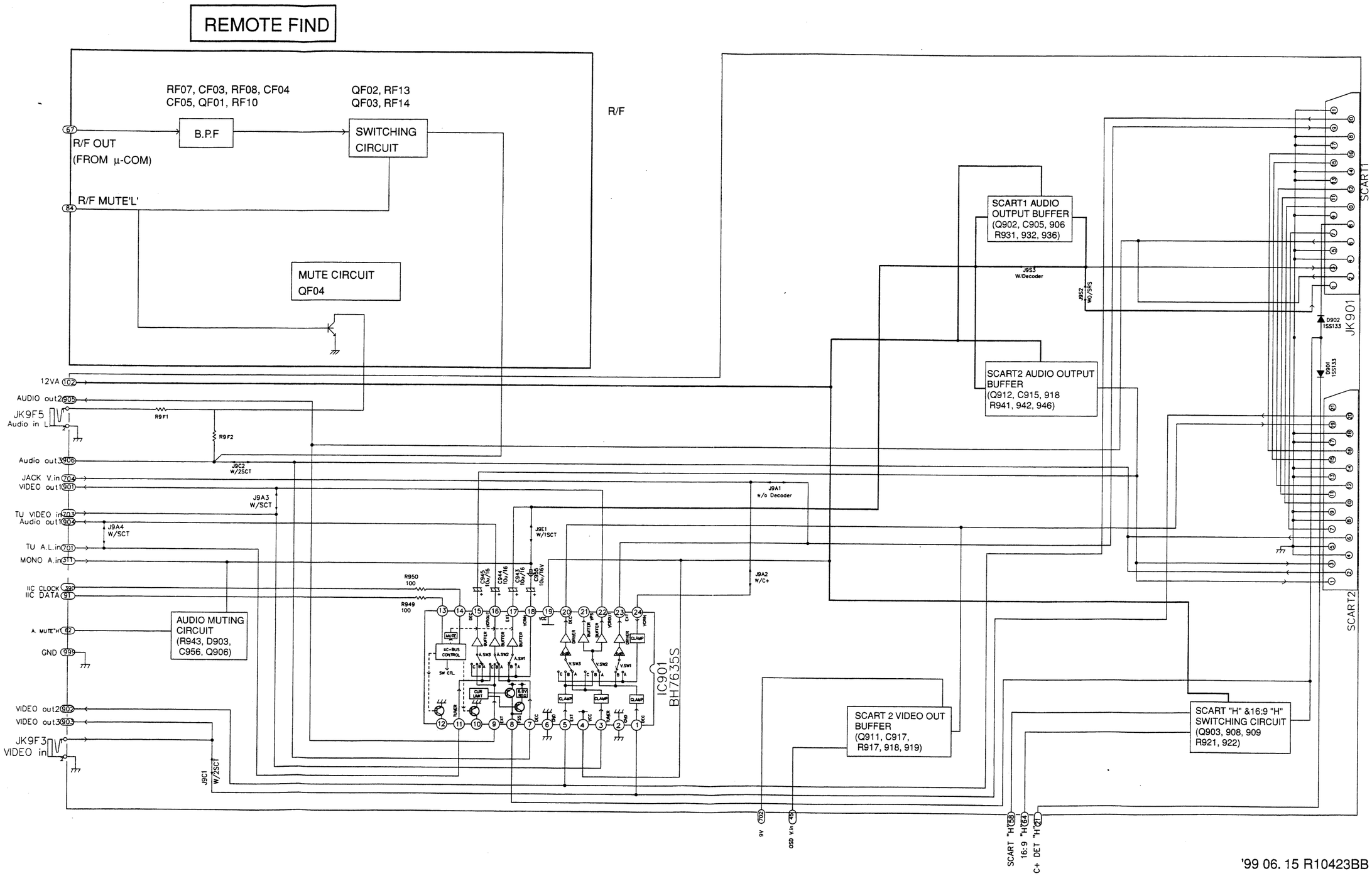





### 2) REC Mode



## 5. SCART Block Diagram (VS-J200/218/418EO)

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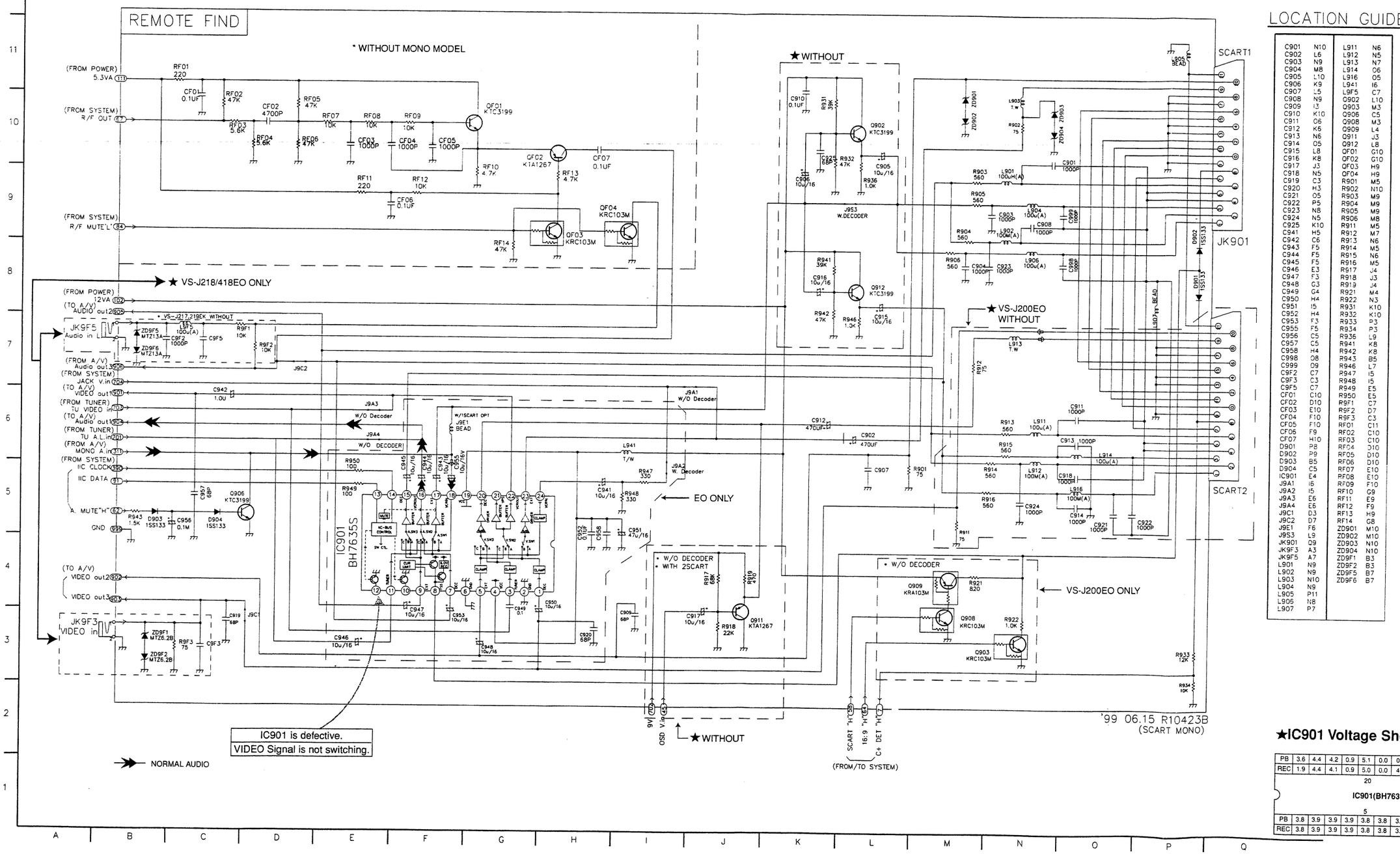
# 5. SCART Circuit Diagram (VS-J200/218/418EO)



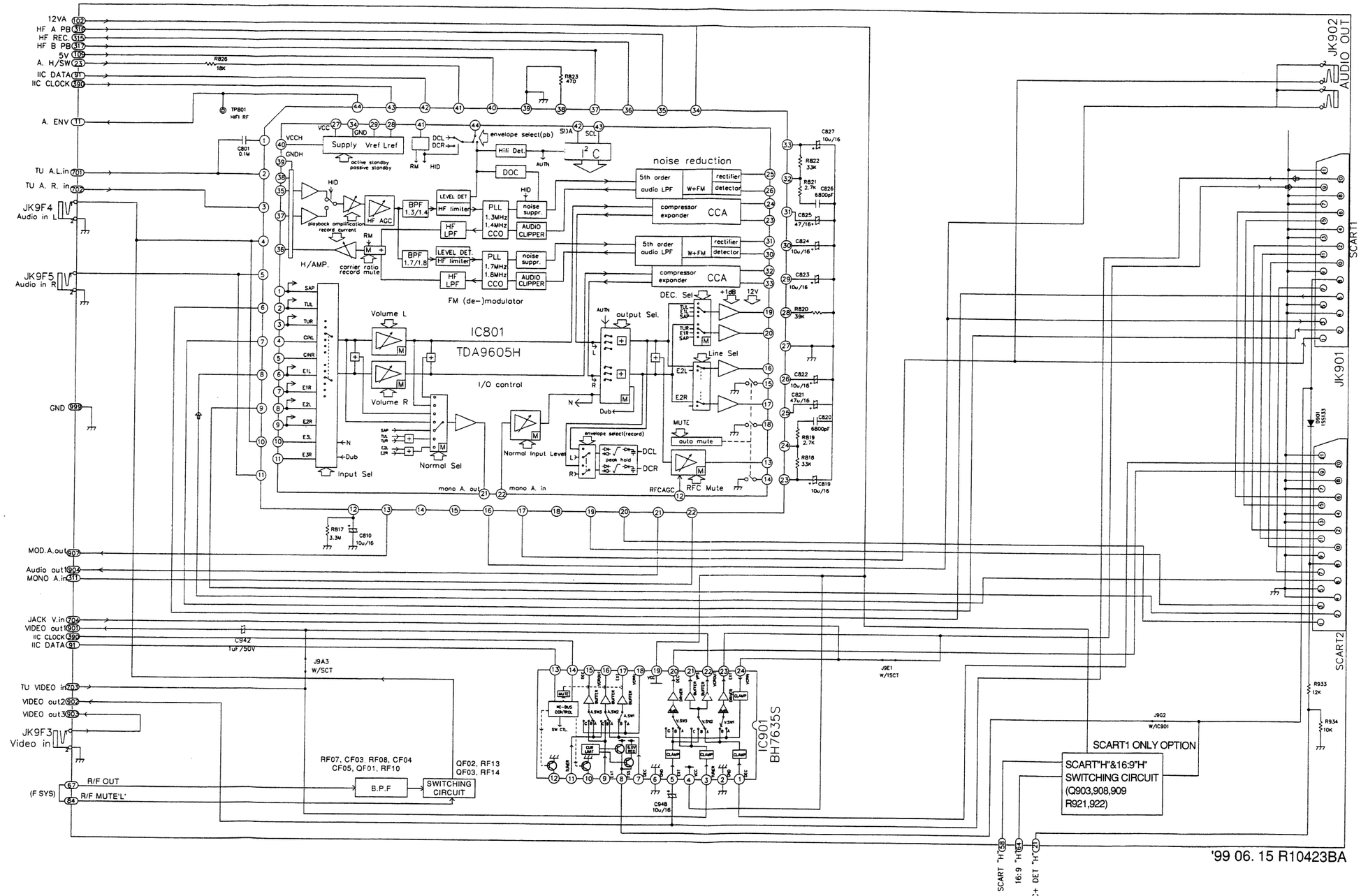

## LOCATION GUIDE

| | | | |
|---|---|---|---|
| C901 | N10 | L911 | N6 |
| C902 | L6 | L912 | N5 |
| C903 | N9 | L913 | N7 |
| C904 | M8 | L914 | O6 |
| C905 | L10 | L916 | O5 |
| C906 | K9 | L941 | I6 |
| C907 | L5 | L9F5 | C7 |
| C908 | N9 | Q902 | L10 |
| C909 | I3 | Q903 | M3 |
| C910 | K10 | Q906 | C5 |
| C911 | O6 | Q908 | M3 |
| C912 | K6 | Q909 | L4 |
| C913 | N6 | Q911 | J3 |
| C914 | O5 | Q912 | L8 |
| C915 | L8 | RF01 | G10 |
| C916 | K8 | RF02 | G10 |
| C917 | J3 | RF03 | H9 |
| C918 | N5 | RF04 | H9 |
| C919 | C3 | R901 | M5 |
| C920 | H3 | R902 | N10 |
| C921 | O5 | R903 | M9 |
| C922 | P5 | R904 | M9 |
| C923 | N8 | R905 | M9 |
| C924 | N5 | R906 | M8 |
| C925 | K10 | R911 | M5 |
| C941 | H5 | R912 | M7 |
| C942 | C6 | R913 | N6 |
| C943 | F5 | R914 | M5 |
| C944 | F5 | R915 | N6 |
| C945 | F5 | R916 | M5 |
| C946 | E3 | R917 | J4 |
| C947 | F3 | R918 | J3 |
| C948 | G3 | R919 | J4 |
| C949 | G4 | R921 | M4 |
| C950 | H4 | R922 | N3 |
| C951 | I5 | R931 | K10 |
| C952 | H4 | R932 | K10 |
| C953 | F5 | R933 | P3 |
| C955 | F5 | R934 | P3 |
| C956 | C5 | R936 | L9 |
| C957 | C5 | R941 | K8 |
| C958 | H4 | R942 | K8 |
| C998 | O8 | R943 | B5 |
| C999 | O9 | R946 | L7 |
| C9F2 | C7 | R947 | I5 |
| C9F3 | C3 | R948 | I5 |
| C9F5 | C7 | R949 | E5 |
| CF01 | C10 | R950 | E5 |
| CF02 | D10 | R9F1 | C7 |
| CF03 | E10 | R9F2 | D7 |
| CF04 | F10 | R9F3 | C3 |
| CF05 | F10 | RF01 | C11 |
| CF06 | F9 | RF02 | C10 |
| CF07 | H10 | RF03 | C10 |
| D901 | P8 | RF04 | D10 |
| D902 | P9 | RF05 | D10 |
| D903 | B5 | RF06 | D10 |
| D904 | C5 | RF07 | E10 |
| IC901 | E4 | RF08 | E10 |
| J9A1 | I6 | RF09 | F10 |
| J9A2 | I5 | RF10 | G9 |
| J9A3 | E6 | RF11 | E9 |
| J9A4 | E6 | RF12 | F9 |
| J9C1 | D3 | RF13 | H9 |
| J9C2 | D7 | RF14 | G8 |
| J9E1 | F6 | ZD901 | M10 |
| J9S3 | L9 | ZD902 | M10 |
| JK901 | O9 | ZD903 | N10 |
| JK9F3 | A3 | ZD904 | N10 |
| JK9F5 | A7 | ZD9F1 | B3 |
| L901 | N9 | ZD9F2 | B3 |
| L902 | N9 | ZD9F5 | B7 |
| L903 | N10 | ZD9F6 | B7 |
| L904 | N9 | | |
| L905 | P11 | | |
| L905 | N8 | | |
| L907 | P7 | | |

## ★IC901 Voltage Sheet

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PB | 3.6 | 4.4 | 4.2 | 0.9 | 5.1 | 0.0 | 0.0 | 0.7 | 0.6 | 0.7 | 11.9 | 3.9 |
| REC | 1.9 | 4.4 | 4.1 | 0.9 | 5.0 | 0.0 | 4.2 | 4.3 | 4.2 | 4.3 | 12.0 | 3.9 |
| | | | | | 20 | | | | | 15 | | |
| IC901(BH7635S) | | | | | | | | | | | | |
| | | | | | 5 | | | | | 10 | | |
| PB | 3.8 | 3.9 | 3.9 | 3.9 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 0.0 | |
| REC | 3.8 | 3.9 | 3.9 | 3.9 | 3.8 | 3.8 | 3.8 | 3.8 | 3.9 | 3.9 | 0.0 | |

# 5. Hi-Fi, SCART Block Diagram (VS-J701/718EO-D,EO-DN)



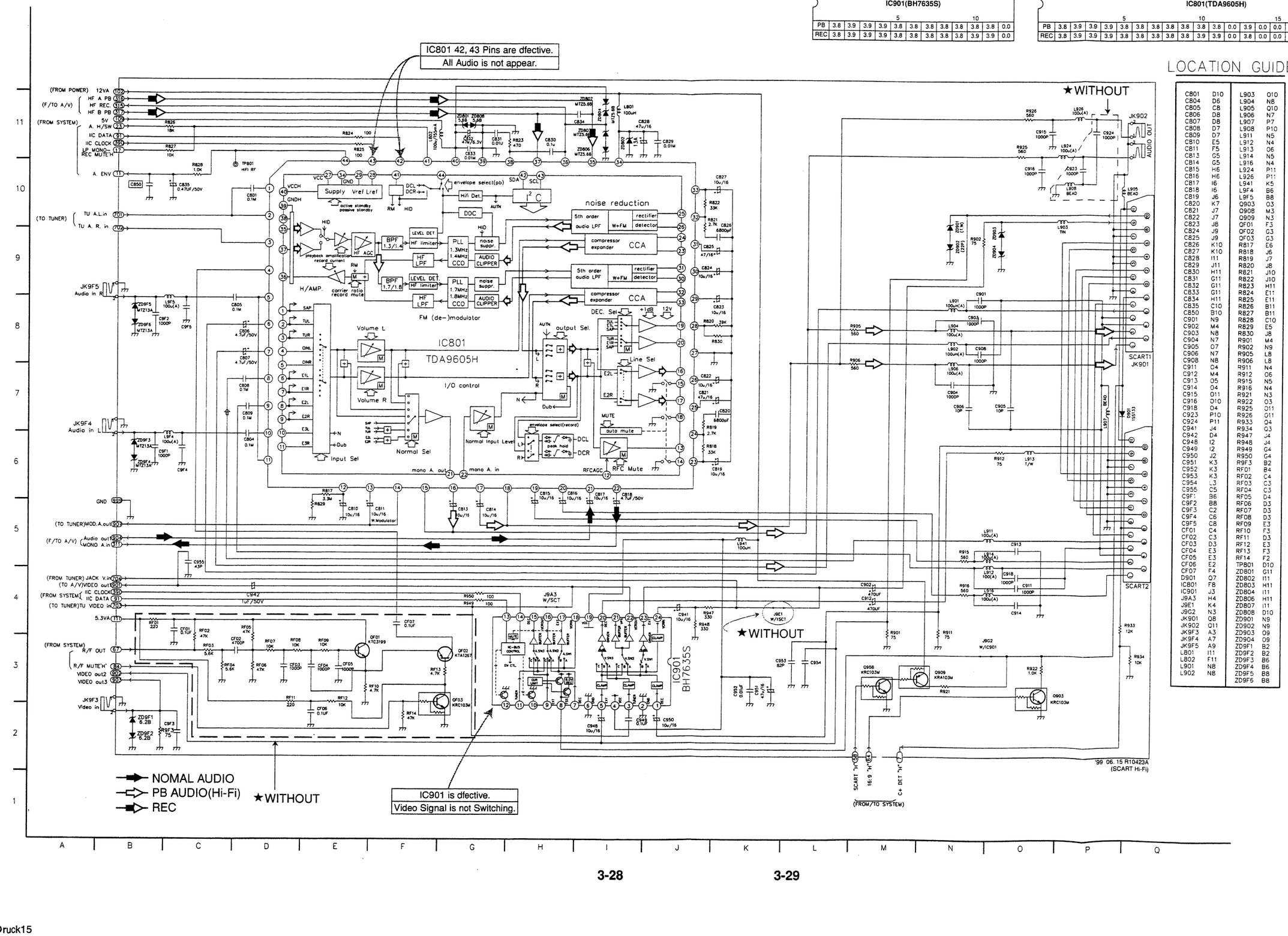
# 5. Hi-Fi, SCART Circuit Diagram (VS-J701/718EO-D,EO-DN)

*** IC901 Voltage Sheet**

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PB | 3.6 | 4.4 | 4.2 | 0.9 | 5.1 | 0.0 | 0.0 | 0.7 | 0.6 | 0.7 | 11.9 | 3.9 |
| REC | 1.9 | 4.4 | 4.1 | 0.9 | 5.0 | 0.0 | 4.2 | 4.3 | 4.2 | 4.3 | 12.0 | 3.9 |
| | | | | | 20 | | | | | 15 | | |
| | | | | | IC901(BH7635S) | | | | | | | |
| | | | | | 5 | | | | | 10 | | |
| PB | 3.8 | 3.9 | 3.9 | 3.9 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 0.0 |
| REC | 3.8 | 3.9 | 3.9 | 3.9 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.9 | 3.9 | 0.0 |

*** IC801 Voltage Sheet**

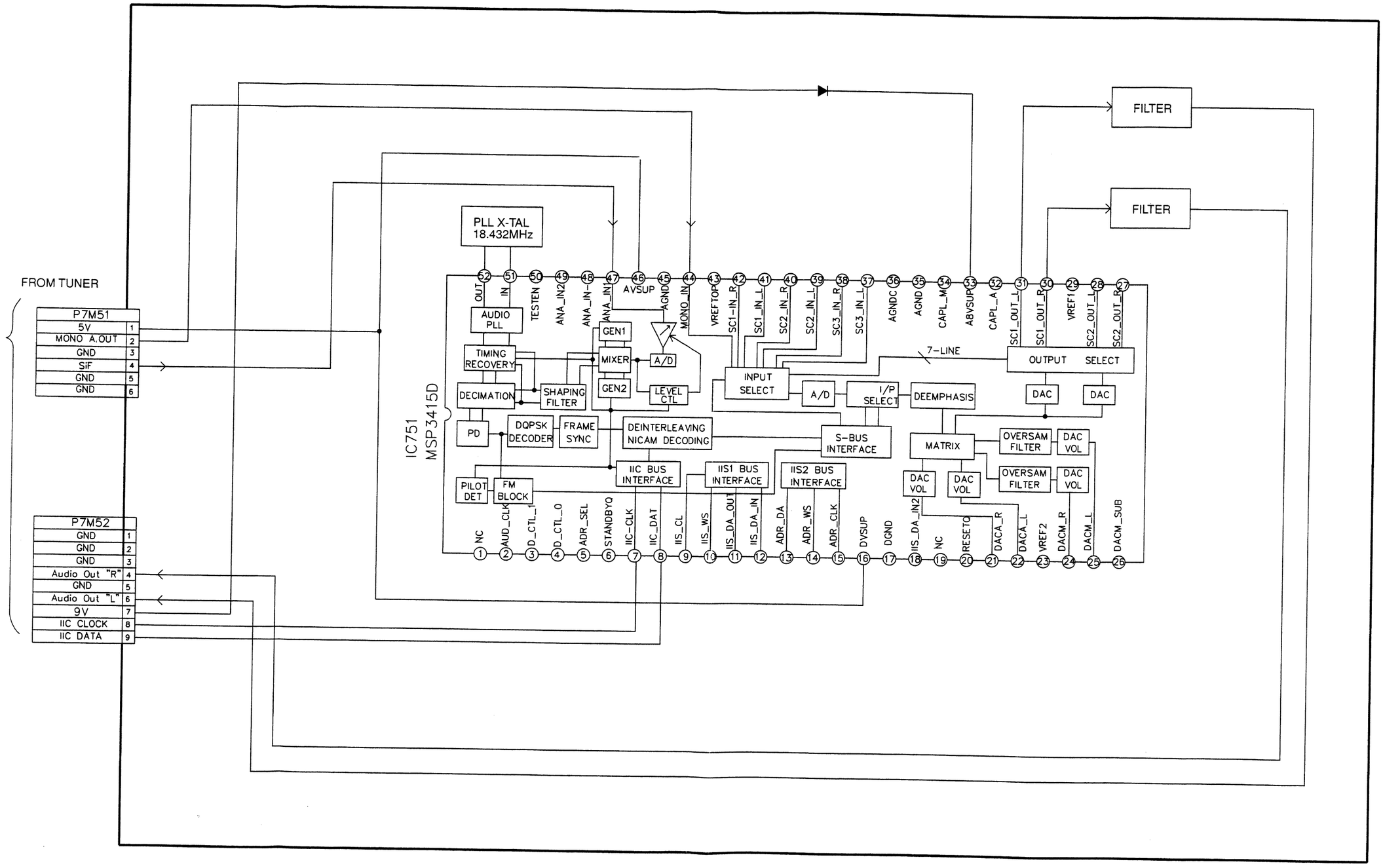
| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PB | 3.6 | 4.4 | 4.2 | 0.9 | 5.1 | 0.0 | 0.0 | 0.7 | 0.6 | 0.7 | 11.9 | 3.9 | 3.9 | 3.9 | 0.8 | 3.9 | 3.9 | 0.0 | 0.8 | 3.9 | 3.9 | 3.9 |
| REC | 1.9 | 4.4 | 4.1 | 0.9 | 5.0 | 0.0 | 4.2 | 4.3 | 4.2 | 4.3 | 12.0 | 3.9 | 3.9 | 3.9 | 0.8 | 3.9 | 3.9 | 0.0 | 0.8 | 3.9 | 3.9 | 3.9 |
| | | | | | | 40 | | | | 35 | | | | 30 | | | | 25 | | |
| | | | | | | IC801(TDA9605H) | | | | | | | | | | | | | | |
| | | | | | | 5 | | | | 10 | | | | 15 | | | | 20 | | |
| PB | 3.8 | 3.9 | 3.9 | 3.9 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 0.0 | 3.9 | 0.0 | 0.0 | 6.0 | 6.0 | 0.0 | 6.0 | 6.0 | 4.5 | 3.8 | |
| REC | 3.8 | 3.9 | 3.9 | 3.9 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.9 | 3.9 | 0.0 | 3.8 | 0.0 | 0.0 | 6.0 | 6.0 | 0.0 | 6.0 | 6.1 | 4.6 | 3.8 |




## LOCATION GUIDE

| | | | |
|---|---|---|---|
| C801 | D10 | L903 | Q10 |
| C804 | D6 | L904 | N8 |
| C805 | C8 | L905 | Q10 |
| C806 | D8 | L906 | N7 |
| C807 | D8 | L907 | P7 |
| C808 | D7 | L908 | P10 |
| C809 | D7 | L911 | N5 |
| C810 | E5 | L912 | N4 |
| C811 | F5 | L913 | O6 |
| C813 | G5 | L914 | N5 |
| C814 | G5 | L916 | N4 |
| C815 | H6 | L924 | P11 |
| C816 | H6 | L926 | P11 |
| C817 | I6 | L941 | K5 |
| C818 | I6 | L9F4 | B6 |
| C819 | J6 | L9F5 | B8 |
| C820 | K7 | Q903 | O3 |
| C821 | J7 | Q908 | M3 |
| C822 | J7 | Q909 | N3 |
| C823 | J8 | QF01 | F3 |
| C824 | J9 | QF02 | G3 |
| C825 | J9 | QF03 | G3 |
| C826 | K10 | R817 | E6 |
| C827 | K10 | R818 | J6 |
| C828 | I11 | R819 | J7 |
| C829 | J11 | R820 | J8 |
| C830 | H11 | R821 | J10 |
| C831 | G11 | R822 | J10 |
| C832 | G11 | R823 | H11 |
| C833 | G11 | R824 | E11 |
| C834 | H11 | R825 | E11 |
| C835 | C10 | R826 | B11 |
| C850 | B10 | R827 | B11 |
| C901 | N9 | R828 | C10 |
| C902 | M4 | R829 | E5 |
| C903 | N8 | R830 | J8 |
| C904 | N7 | R901 | M4 |
| C905 | O7 | R902 | N9 |
| C906 | N7 | R905 | L8 |
| C908 | N8 | R906 | L8 |
| C911 | O4 | R911 | N4 |
| C912 | M4 | R912 | O6 |
| C913 | O5 | R915 | N5 |
| C914 | O4 | R916 | N4 |
| C915 | O11 | R921 | N3 |
| C916 | O10 | R922 | O3 |
| C918 | O4 | R925 | O11 |
| C923 | P10 | R926 | O11 |
| C924 | P11 | R933 | O4 |
| C941 | J4 | R934 | O3 |
| C942 | D4 | R947 | J4 |
| C948 | I2 | R948 | J4 |
| C949 | I2 | R949 | G4 |
| C950 | J2 | R950 | G4 |
| C951 | K3 | R9F3 | B2 |
| C952 | K3 | RF01 | B4 |
| C953 | K3 | RF02 | C4 |
| C954 | L3 | RF03 | C3 |
| C955 | C5 | RF04 | C3 |
| C9F1 | B6 | RF05 | D4 |
| C9F2 | B8 | RF06 | D3 |
| C9F3 | C2 | RF07 | D3 |
| C9F4 | C6 | RF08 | D3 |
| C9F5 | C8 | RF09 | E3 |
| CF01 | C4 | RF10 | F3 |
| CF02 | C3 | RF11 | D3 |
| CF03 | D3 | RF12 | E3 |
| CF04 | E3 | RF13 | F3 |
| CF05 | E3 | RF14 | F2 |
| CF06 | E2 | TP801 | D10 |
| CF07 | F4 | ZD801 | G11 |
| D901 | O7 | ZD802 | I11 |
| IC801 | F8 | ZD803 | H11 |
| IC901 | J3 | ZD804 | I11 |
| J9A3 | H4 | ZD806 | H11 |
| J9E1 | K4 | ZD807 | I11 |
| J9G2 | N3 | ZD808 | D10 |
| JK901 | O8 | ZD901 | N9 |
| JK902 | Q11 | ZD902 | N9 |
| JK9F3 | A3 | ZD903 | O9 |
| JK9F4 | A7 | ZD904 | O9 |
| JK9F5 | A9 | ZD9F1 | B2 |
| L801 | I11 | ZD9F2 | B2 |
| L802 | F11 | ZD9F3 | B6 |
| L901 | N8 | ZD9F4 | B6 |
| L902 | N8 | ZD9F5 | B8 |
| | | ZD9F6 | B8 |

## 6. NICAM, A2 Block Diagram (VS-J701/718EO-D, EO-DN)

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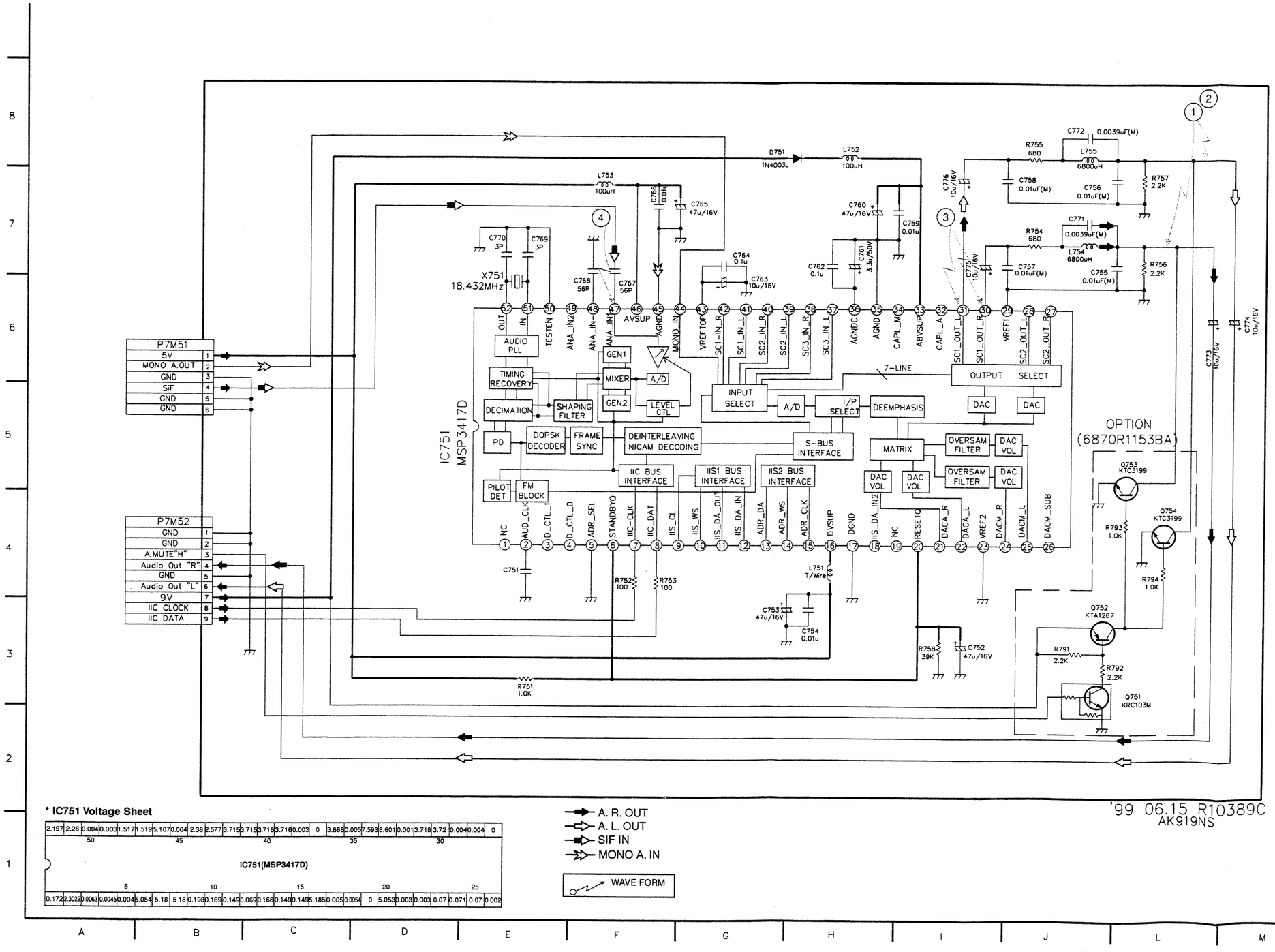
## 6. NICAM, A2 Circuit Diagram (VS-J701/718EO-D,EO-DN)




### LOCATION GUIDE

| | |
|---|---|
| C751 | E4 |
| C752 | I3 |
| C753 | G3 |
| C754 | H3 |
| C755 | J7 |
| C756 | J7 |
| C757 | J7 |
| C758 | J7 |
| C759 | I7 |
| C760 | H7 |
| C761 | H7 |
| C762 | H7 |
| C763 | G6 |
| C764 | G7 |
| C765 | G7 |
| C766 | F7 |
| C767 | F6 |
| C768 | F6 |
| C769 | E7 |
| C770 | E7 |
| C771 | J7 |
| C772 | J8 |
| C773 | K6 |
| C774 | L6 |
| C775 | I7 |
| C776 | I7 |
| D751 | G8 |
| IC751 | D5 |
| L751 | H4 |
| L752 | H8 |
| L753 | F7 |
| L754 | J7 |
| L755 | J8 |
| P7M51 | B6 |
| P7M52 | B4 |
| Q751 | K3 |
| Q752 | J3 |
| Q753 | K5 |
| Q754 | K4 |
| R751 | E3 |
| R752 | F4 |
| R753 | F4 |
| R754 | J7 |
| R755 | J8 |
| R756 | K7 |
| R757 | K7 |
| R758 | I3 |
| R791 | J3 |
| R792 | J3 |
| R793 | J4 |
| R794 | K4 |
| X751 | E6 |

*** IC751 Voltage Sheet**

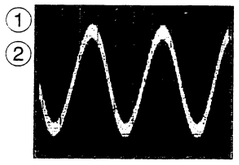
IC751(MSP3417D)

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2.197 | 2.28 | 0.004 | 0.003 | 1.517 | 1.519 | 5.107 | 0.004 | 2.38 | 2.577 | 3.715 | 3.715 | 3.716 | 3.716 | 0.003 | 0 | 3.688 | 0.005 | 7.593 | 8.601 | 0.001 | 3.718 | 3.72 | 0.004 | 0.004 | 0 | |
| 50 | | | | | | 45 | | | | | | 40 | | | | | 35 | | | | | 30 | | | | | |
| 0.172 | 2.302 | 0.006 | 3 | 0.004 | 5 | 0.004 | 5.054 | 5.18 | 5 | 18 | 0.198 | 0.169 | 0.149 | 0.069 | 0.166 | 0.149 | 0.149 | 5.185 | 0.005 | 0.005 | 4 | 0 | 5.053 | 0.003 | 0.003 | 0.07 | 0.071 | 0.07 | 0.002 |
| 5 | | | | | | 10 | | | | | | 15 | | | | | 20 | | | | | 25 | | | | | |

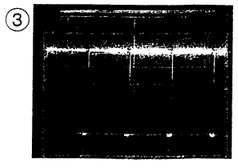
A. R. OUT
A. L. OUT
SIF IN
MONO A. IN

WAVE FORM

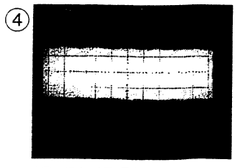
*** NICAM Oscilloscope Waveform**



① ②
IC751 Pin
(IF Signal)

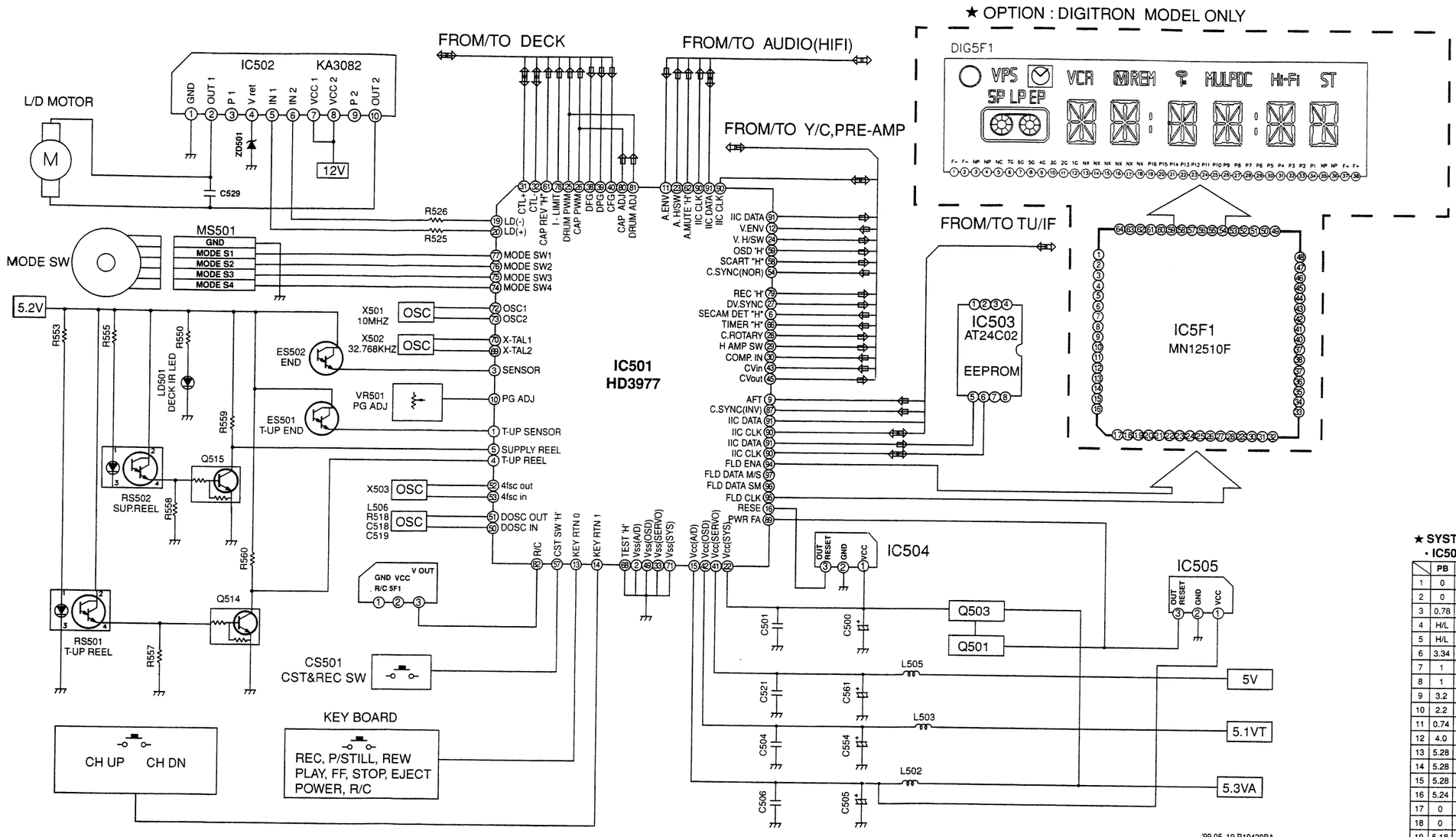


③
IC751 Pin 30, 31



④
IC751 47 Pin
(SIF Signal)

# 7. System Block Diagram




★ IC502 Voltage Sheet

| | | | | | |
|---|---|---|---|---|---|
| PB | 0.4 | 0.8 | 12.19 | 12.19 | 2.16 |
| REC | 0.4 | 0.8 | 12.19 | 12.19 | 2.16 |
| 10 IC502 1 | | | | | 5 |
| PB | 0 | 0.4 | 0.8 | 0.28 | 2.16 |
| REC | 0 | 0.4 | 0.8 | 0.28 | 2.16 |

★ IC503 Voltage Sheet

| | | | | |
|---|---|---|---|---|
| PB | 5.34 | 0.00 | 4.60 | 4.60 |
| REC | 5.34 | 0.00 | 5.21 | 5.21 |
| 5 IC503 1 | | | | |
| PB | 0.00 | 0.00 | 0.00 | 0.00 |
| REC | 0.00 | 0.00 | 0.00 | 0.00 |

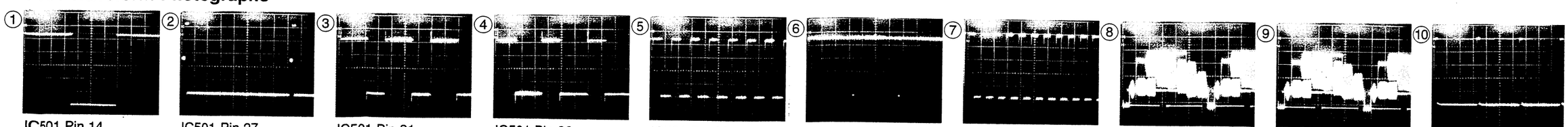
★ System IC Voltage Sheet

| | Emitter | | Collector | | Base | |
|---|---|---|---|---|---|---|
| | PB | REC | PB | REC | PB | REC |
| Q514 | 0 | 0 | H/L | H/L | H/L | H/L |
| Q515 | 0 | 0 | H/L | H/L | H/L | H/L |
| Q506 | 0 | 0 | 0.7 | 0.7 | 0.4 | 0.4 |
| Q503 | 5.32 | 5.32 | 5.25 | 5.24 | 4.43 | 4.43 |
| Q501 | 0 | 0 | 0 | 0 | 0.75 | 0.75 |

★ SYSTEM IC Voltage Sheet
• IC501(HD3977)

| | PB | REC | | PB | REC | | PB | REC | | PB | REC | | PB | REC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 21 | 5.24 | 5.24 | 41 | 5.24 | 5.24 | 61 | 0 | 0 | 81 | 2.55 | 2.55 |
| 2 | 0 | 0 | 22 | 5.24 | 5.24 | 42 | 4.99 | 4.99 | 62 | 0 | 0 | 82 | 5.07 | 5.07 |
| 3 | 0.78 | 0.79 | 23 | H/L | H/L | 43 | 2.41 | 2.37 | 63 | 0 | 0 | 83 | 0 | 0 |
| 4 | H/L | H/L | 24 | H/L | H/L | 44 | 1.36 | 1.36 | 64 | 5.21 | 5.21 | 84 | 0 | 0 |
| 5 | H/L | H/L | 25 | 2.81 | 2.81 | 45 | 2.43 | 2.43 | 65 | 5.21 | 5.21 | 85 | 0 | 0 |
| 6 | 3.34 | 3.3 | 26 | 2.73 | 2.73 | 46 | 0 | 0 | 66 | 0 | 0 | 86 | 0 | 0 |
| 7 | 1 | 2 | 27 | 0 | 0 | 47 | 2.01 | 2.01 | 67 | 4.58 | 4.58 | 87 | 4.7 | 4.7 |
| 8 | 1 | 2 | 28 | H/L | H/L | 48 | 1.41 | 1.41 | 68 | 0 | 0 | 88 | 0 | 0 |
| 9 | 3.2 | 1.62 | 29 | 5.15 | 5.15 | 49 | 0 | 0 | 69 | 1.45 | 1.45 | 89 | 4.87 | 4.87 |
| 10 | 2.2 | 2.2 | 30 | 4.97 | 4.88 | 50 | 1.32 | 1.32 | 70 | 0.83 | 0.83 | 90 | 5.08 | 5.08 |
| 11 | 0.74 | 0 | 31 | 2.25 | 2.99 | 51 | 1.35 | 1.35 | 71 | 0 | 0 | 91 | 5.03 | 5.03 |
| 12 | 4.0 | 2.3 | 32 | 2.25 | 2.2 | 52 | 2.5 | 2.5 | 72 | 2.49 | 2.47 | 92 | 5.28 | 5.28 |
| 13 | 5.28 | 5.28 | 33 | 0 | 0 | 53 | 2.43 | 2.43 | 73 | 2.47 | 2.47 | 93 | 5.28 | 5.28 |
| 14 | 5.28 | 5.28 | 34 | 0 | 0 | 54 | 0.38 | 0.38 | 74 | 5.29 | 5.29 | 94 | 4.6 | 4.6 |
| 15 | 5.28 | 5.28 | 35 | 2.25 | 2.25 | 55 | 5.21 | 5.21 | 75 | 0 | 0 | 95 | 5.2 | 5.2 |
| 16 | 5.24 | 5.28 | 36 | 2.25 | 2.25 | 56 | 0 | 0 | 76 | 5.29 | 5.29 | 96 | 0 | 0 |
| 17 | 0 | 0 | 37 | 2.25 | 2.25 | 57 | 5.05 | 5.05 | 77 | 2.29 | 5.29 | 97 | 0 | 0 |
| 18 | 0 | 0 | 38 | Pulse | Pulse | 58 | 5.16 | 5.20 | 78 | 3.14 | 3.15 | 98 | 0 | 0 |
| 19 | 5.18 | 5.18 | 39 | Pulse | Pulse | 59 | 0 | 0 | 79 | 0 | 4.84 | 99 | 0 | 0 |
| 20 | 5.18 | 5.18 | 40 | Pulse | Pulse | 60 | 5.21 | 5.14 | 80 | 2.8 | 2.8 | 100 | 0 | 0 |

## * IC501 Waveform Photographs



① IC501 Pin 14
1V/5mS
REC/PB modes
(V.H/SW)

② IC501 Pin 27
1V/2mS
QUE/REV modes
(D.V-SYNC)

③ IC501 Pin 31
1V/10mS
REC mode
(CTL+)

④ IC501 Pin 32
1V/10mS
REC mode
(CTL-)

⑤ IC501 Pin 38
1V/1mS
REC/PB mode
(DFG)

⑥ IC501 Pin 39
1V/10uS
REC/PB modes
(DPG)

⑦ IC501 Pin 40
1V/1mS
REC/PB modes
(CFG)

⑧ IC501 Pin 43
100mV/10uS
EE/PB modes
(V-IN)

⑨ IC501 Pin 45
500MV/10uS
EE/PB modes
(V-OUT)

⑩ IC501 Pin 54
1V/20uS
EE/PB modes
(C-SYNC)

# 7. System Circuit Diagram

★ OPTION DIODE TABLE

| OPTION DIODE / Model | DJ01 | DJ02 | DJ03 | DJ04 | DJ05 | DJ06 | DJ07 | DJ08 | DJ09 | DJ10 | DJ11 | DJ12 | DJ13 | DJ14 | DJ15 | DJ16 | DJ17 | DJ18 | DJ19 | DJ20 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VS-J200EO | | ● | ● | ● | ● | | ● | | | ● | ● | ● | | ● | | ● | | | ● | |
| VS-J218EO | | | ● | ● | ● | | | | | ● | | | | | | | | | ● | |
| VS-J418EO | | | ● | ● | | | | | | ● | | | | | | | | | ● | |
| VS-J701EO-D | | ● | ● | ● | | ● | ● | | | ● | ● | | | ● | | | | | ● | |
| VS-J718EO-D | | | ● | | | ● | | | | ● | | | | | | | | | ● | |
| VS-J701EO-DN | | ● | ● | ● | | ● | ● | | ● | ● | ● | | | ● | | | | | ● | |
| VS-J718EO-DN | | | ● | | | ● | | | ● | ● | | | | | | | | | ● | |

LD Motor will not operate.
IC502, ZD501 are defective.

Reset is defective.
Set dead.
IC504 is defective.

PB PG will not operate.
VR501 is defective.

VCR dead.
IC505 is defective.

IC502 KA3082

ATC24C16

IC503

IC504 KIA7031P

IC505 KIA7042P

IC501 HD3977

IC5F1

KEY BOARD

DIG5F1

0-PANNEL SW5T2,5A1
1-PANNEL SW5A2,5T1,J502
2-PANNEL SW5A2,5A1
3-PANNEL SW5T1,5A1,J501, SW502

μ-COM will not opreate.
X501, X502 are defective.

Deck will not operater.
R575, R576, R577, R578 are defective.

Auto stop occures.
RS501, RS502, Q514, Q515 are defective.

•Tape mode not Working. (Tape remaining on reel.)
•Auto Rew not working.
ES501, ES502, LD501 are defective.

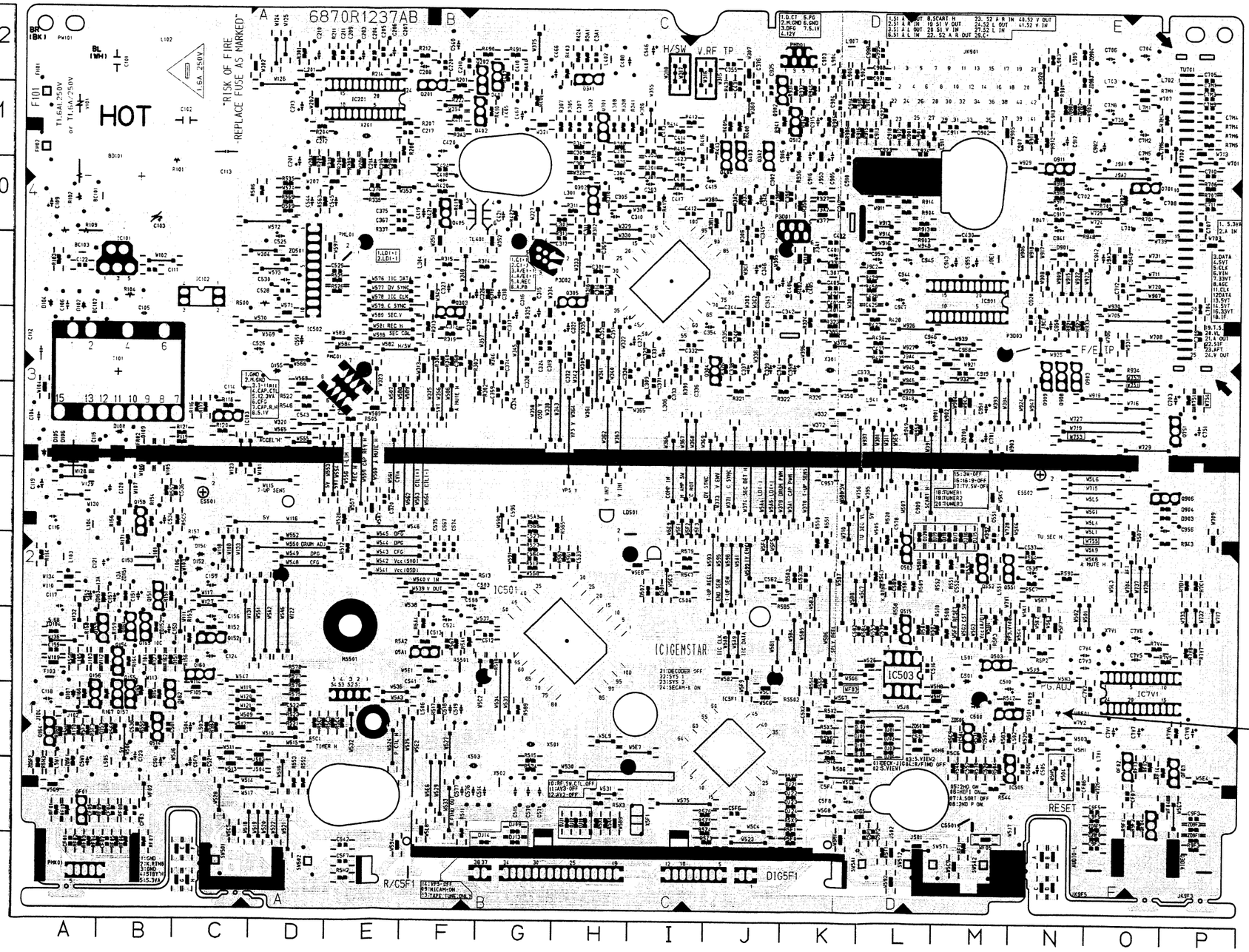
μ-COM is unstable.
Q501, Q503 are defective.

WAVE FORM

'99 06.15 R10420B
AK919NS'S

# PRINTED CIRCUIT BOARD DIAGRAMS

## 1. MAIN P.C.Board (VS-J200/218/418EO)




### LOCATION GUIDE


BC101 B10
BC102 B9
BC103 A9
BD101 B10
C100 B10
C101 B10
C102 C11
C103 B10
C104 A7
C105 B8
C106 A9
C109 A10
C111 B9
C112 A8
C113 C11
C114 C7
C115 B7
C116 A6
C117 A5
C118 A3
C119 A6
C120 B6
C121 C4
C122 A9
C123 B3
C124 C4
C151 B5
C152 A5
C153 B4
C155 A4
C156 C4
C157 B5
C159 C5
C201 D10
C203 E12
C204 E12
C205 E12
C206 E12
C207 F12
C208 F12
C209 E12
C210 D12
C211 E12
C212 E12
C213 D11
C214 E10
C215 E11
C216 F11
C217 F10
C218 F10
C301 I10
C302 I10
C303 I10
C304 I10
C305 H11
C306 H11
C307 H11
C310 H10
C311 H10
C312 H9
C313 F8
C314 H9
C315 G9
C316 G9
C317 G9
C318 G9
C319 G9
C320 E6
C322 H6
C323 F3
C324 G6
C325 F8
C326 F9
C327 I8
C328 G8
C329 I8
C330 H6
C331 I8
C332 I8
C333 I8
C334 G7
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C396 I8
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C399 J8
C340 J8
C341 J8
C342 K8
C343 J8
C344 J8
C345 J10
C346 J9
C347 K10
C348 J10
C350 K10
C351 H8
C352 H8
C353 I11
C354 J8
C355 J12
C358 K8
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C363 H10
C367 E10
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C515 G2
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C553 B2
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C572 F2
C575 G5
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D904 P6
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Q519 F3
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R576 D3
R577 D4
R578 D4
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R581 L5
R582 L5
R583 H3
R586 L2
R589 G3
R590 H6
R5A1 F4
R5A2 F4
R5A3 G6
R5A4 F4
R5B1 L5
R5B3 L5
R5C1 D3
R5C2 D3
R5C3 E3
R5C4 E3
R5C5 D5
R5C6 D5
R5F0 K3
R5F1 K3
R5F2 K3
R5F3 A3
R5F4 A4
R5F5 A3
R5F6 E1
R5F7 A2
R5F8 A2
R5F9 A2
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R5FG A2
R5FH A2
R5FJ A2
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R701 D10
R702 D10
R704 D10
R705 P10
R706 P10
R707 P10
R7C1 P5
R7D1 P5
R7M1 O12
R7M3 P11
R7M4 P11
R7M5 P11
R7M6 P11
R7M7 P11
R7V1 P5
R7V3 P4
R7V4 P4
R7V5 P4
R7V6 P4
R7V7 P4
R7V8 P4
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R921 N8
R922 N8
R931 K11
R932 K11
R933 N8
R934 O8
R936 K11
R941 J11
R942 K11
R943 P5
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R949 L7
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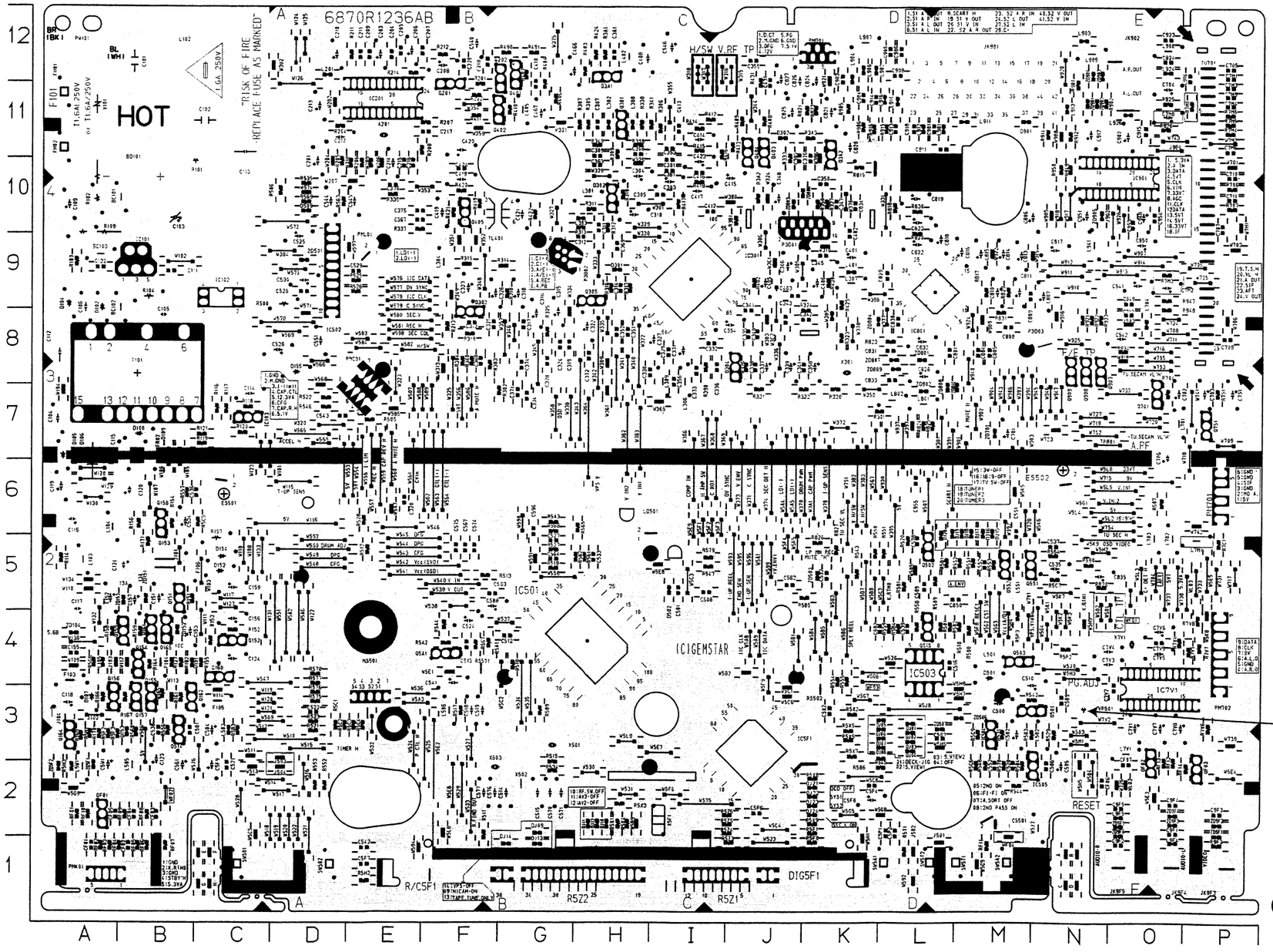
R9F2 O2
R9F3 P1
R9F4 A2
R9F5 A2
R9F6 B1
R9F7 B1
R9F8 B2
R9F9 B2
R9FA A2
R9FB A2
R9FC A2
R9FD A2
R9FE A2
R9FF A2
R9FG A2
R9FH A2
R9FJ A2
R9FK A2
R9FL A2
R9FM A2
R9FN A2
R9FP A2
RF1L J2
RF1U J2
RS502 K4
RS503 K4
SW501 D1
SW502 D1
SW5A1 L1
SW5A2 M1
SW5T1 L1
SW5T2 L1
T1001 B8
TL601 F10
TL701 P12
V101 A11
VR501 N3
X201 E11
X501 K8
X502 G2
X503 G2
X5F1 I2
X7V1 O4
ZD104 L4
ZD151 B5
ZD152 B4
ZD153 B5
ZD501 D9
ZD503 K5
ZD506 K3
ZD507 L3
ZD5F1 L2
ZD5F2 A2
ZD701 M7
ZD901 N11
ZD902 N12
ZD903 N12
ZD904 N12
ZD9F1 P2
ZD9F2 P2
ZD9F5 O2
ZD9F6 O2


| ABBREVIATIONS |
|---|
| ADJ : Adjustment |
| PG : Pulse Generator |

**NOTE :** ● Measurement Point
□ : Adjustment Point
Emitter : TRANSISTOR
Collector
Base

# 1. MAIN P.C.Board (VS-J701/718EO-D, EO-DN)




## LOCATION GUIDE

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BC101 | B10 | C328 | G8 | C514 | G2 | C749 | P11 | CF03 | B2 | J9A3 | G8 | D158 | B6 | R210 | E10 |
| BC102 | B9 | C329 | I8 | C515 | G2 | C751 | P7 | CF04 | B2 | J9E1 | D11 | D159 | B6 | R211 | E12 |
| BC103 | A9 | C330 | H8 | C516 | L2 | C752 | P7 | CF05 | A2 | JA01 | D10 | D160 | C4 | R212 | F12 |
| BD101 | B10 | C331 | I8 | C518 | F3 | CTV2 | O3 | CF06 | K2 | JK901 | M12 | D161 | B4 | R213 | F8 |
| C100 | B10 | C332 | I8 | C519 | F3 | CTV3 | N4 | CF07 | D2 | JK902 | O12 | D162 | B3 | R214 | E12 |
| C101 | B10 | C333 | I8 | C520 | F3 | CTV4 | O4 | CF08 | D2 | JK9F3 | P1 | D164 | A3 | R222 | F11 |
| C102 | C11 | C334 | G7 | C521 | C2 | CTV5 | O4 | D102 | A6 | JK9F4 | P1 | D165 | B4 | R301 | F7 |
| C103 | B10 | C335 | I8 | C522 | D3 | CTV6 | O4 | D104 | A6 | JK9F5 | O1 | D201 | F11 | R302 | F7 |
| C104 | A7 | C336 | I8 | C524 | F4 | CTV7 | O3 | D105 | A7 | L102 | C12 | D202 | F12 | R303 | F8 |
| C105 | B8 | C337 | J8 | C525 | D9 | CTV8 | O3 | D106 | A6 | L103 | A5 | D301 | H11 | R304 | F8 |
| C106 | A9 | C338 | J8 | C526 | D8 | CTV9 | O4 | D107 | A3 | L104 | A6 | D302 | H10 | R305 | H11 |
| C109 | A10 | C339 | J8 | C527 | G5 | CB01 | L8 | D108 | B7 | L105 | A4 | D303 | F8 | R306 | I11 |
| C111 | B9 | C340 | J8 | C528 | D9 | CB04 | M8 | D109 | B7 | L201 | H10 | D304 | J8 | R307 | H11 |
| C112 | A8 | C341 | J8 | C529 | E9 | CB05 | M8 | D151 | B4 | L301 | H10 | D305 | J9 | R308 | H11 |
| C113 | C11 | C342 | K8 | C530 | D9 | CB06 | M10 | D152 | C5 | L302 | H11 | D3A1 | H12 | R309 | H11 |
| C114 | C7 | C343 | J8 | C532 | K5 | CB07 | M9 | D153 | B3 | L303 | H10 | G3A2 | K11 | R310 | H10 |
| C115 | B7 | C344 | J8 | C533 | K5 | CB08 | M8 | D154 | C5 | L304 | F9 | G401 | G12 | R311 | H10 |
| C116 | A6 | C345 | K9 | C534 | B6 | CB09 | M9 | D155 | D8 | L306 | I8 | G402 | F11 | R312 | H10 |
| C117 | A5 | C346 | J5 | C535 | M5 | CB10 | M9 | D201 | H9 | L307 | K9 | G403 | J11 | R313 | H10 |
| C118 | A3 | C347 | K10 | C536 | G6 | CB11 | M9 | D302 | J11 | L308 | H11 | G404 | J11 | R314 | G9 |
| C119 | A6 | C348 | K10 | C537 | M5 | CB13 | M9 | D501 | M4 | L309 | I8 | G405 | F10 | R315 | F9 |
| C120 | B6 | C350 | K10 | C538 | B3 | CB14 | M9 | D502 | I5 | L401 | K9 | G501 | M3 | R316 | H9 |
| C121 | B5 | C351 | M8 | C539 | L4 | CB15 | M9 | D509 | D10 | L402 | H12 | G502 | L5 | R317 | H9 |
| C122 | A5 | C352 | M8 | C540 | F4 | CB16 | M9 | D510 | D10 | L405 | H12 | G504 | M3 | R318 | G9 |
| C123 | B3 | C353 | I11 | C541 | F4 | CB17 | M9 | D1C5F1 | J1 | L501 | M4 | G514 | B3 | R319 | F8 |
| C124 | C4 | C354 | J8 | C542 | E11 | CB18 | L9 | DJ01 | L3 | L502 | M5 | G515 | L4 | R320 | K7 |
| C151 | B5 | C355 | J12 | C543 | D7 | CB19 | L10 | DJ02 | L3 | L503 | C3 | G541 | F4 | R321 | J7 |
| C152 | A5 | C356 | I8 | C544 | D10 | CB20 | K11 | DJ03 | L3 | L505 | B2 | G551 | M5 | R322 | J7 |
| C153 | B4 | C358 | K8 | C545 | E10 | CB21 | K11 | DJ04 | L3 | L506 | F3 | G552 | M5 | R323 | K8 |
| C154 | A4 | C363 | H10 | C546 | I12 | CB22 | L9 | DJ05 | L3 | L551 | M5 | G701 | D7 | R324 | K8 |
| C156 | C4 | C367 | E10 | C550 | D8 | CB23 | L10 | DJ06 | L3 | L5W1 | A2 | G702 | M8 | R325 | G8 |
| C157 | B5 | C368 | F8 | C552 | D8 | CB24 | K12 | DJ07 | L3 | L701 | D7 | G903 | M8 | R326 | J8 |
| C158 | C5 | C369 | F9 | C561 | B2 | CB25 | J11 | DJ08 | L3 | L702 | D5 | G908 | N8 | R327 | K10 |
| C201 | D10 | C370 | E10 | C562 | J5 | CB26 | J12 | DJ09 | L3 | L703 | D5 | G909 | N8 | R328 | K10 |
| C203 | E12 | C371 | G7 | C564 | G5 | CB27 | J12 | DJ10 | K2 | L704 | D8 | GF01 | A2 | R335 | E10 |
| C204 | E12 | C372 | H8 | C567 | F5 | CB28 | L8 | DJ11 | K2 | L7M1 | P5 | GF02 | D2 | R337 | E10 |
| C205 | E12 | C374 | H8 | C570 | F5 | CB29 | L8 | DJ12 | K2 | L7M2 | P5 | GF03 | F2 | R338 | H9 |
| C206 | E12 | C375 | E10 | C571 | G2 | CB30 | L8 | DJ13 | G1 | L801 | L7 | R/C5F1 | E1 | R340 | F8 |
| C207 | F12 | C376 | K11 | C574 | F5 | CB31 | L8 | DJ14 | G1 | L802 | K11 | R101 | B10 | R341 | H11 |
| C208 | F12 | C3A1 | H10 | C575 | F5 | CB32 | L8 | DJ15 | M5 | L901 | L11 | R102 | A10 | R349 | H11 |
| C209 | E12 | C3B1 | H10 | C576 | F2 | CB33 | L8 | DJ16 | M5 | L902 | K12 | R103 | A9 | R350 | K10 |
| C210 | D12 | C401 | K9 | C578 | L5 | CB34 | L8 | DJ17 | M5 | L903 | N12 | R104 | B9 | R351 | J8 |
| C211 | E12 | C402 | K10 | C579 | L5 | CB35 | M5 | DJ18 | M5 | L904 | K12 | R109 | A10 | R3A1 | H12 |
| C212 | D11 | C403 | J9 | C580 | L4 | CB36 | M5 | DJ19 | L6 | L905 | N12 | R116 | A5 | R3A2 | J10 |
| C213 | D11 | C405 | J9 | C582 | L4 | C901 | L11 | DJ20 | K2 | L906 | K12 | R117 | C7 | R3A3 | K10 |
| C214 | E10 | C406 | K9 | C588 | F3 | C902 | L11 | DJ21 | K2 | L907 | K12 | R118 | C7 | R3B1 | J10 |
| C215 | E10 | C408 | H12 | C589 | F3 | C903 | L11 | DJ22 | K2 | L908 | G12 | R119 | C7 | R402 | J8 |
| C216 | E10 | C410 | G11 | C596 | G6 | C904 | K11 | DJ23 | K2 | L911 | M11 | R119 | C7 | R403 | H12 |
| C217 | F11 | C412 | I10 | C5F4 | K2 | C905 | L12 | DJ24 | K2 | L912 | L11 | R120 | C7 | R404 | G11 |
| C218 | F12 | C413 | I11 | C5F5 | K2 | C906 | L12 | E5501 | N3 | L913 | L11 | R121 | C7 | R405 | G11 |
| C220 | F12 | C414 | J11 | C5F7 | E11 | C908 | L12 | E5502 | N3 | L914 | L11 | R127 | B4 | R407 | G12 |
| C221 | F12 | C415 | J10 | C5F8 | K2 | C911 | L11 | F101 | B4 | L915 | L11 | R151 | B5 | R408 | J11 |
| C302 | J11 | C416 | I10 | C5F9 | C2 | C912 | N11 | F104 | B4 | L924 | O12 | R153 | C4 | R409 | J11 |
| C303 | I10 | C417 | I10 | C5P1 | L2 | C913 | L11 | F105 | B5 | L926 | O11 | R154 | B5 | R410 | G11 |
| C304 | I10 | C418 | I10 | C5P2 | L2 | C914 | L11 | F106 | B5 | L941 | N9 | R155 | C4 | R412 | I11 |
| C305 | I10 | C419 | F10 | C551 | M6 | C915 | O11 | FH01 | A11 | L9F5 | O2 | R156 | B6 | R413 | J11 |
| C306 | H11 | C420 | F11 | C552 | M6 | C916 | P12 | FH02 | A11 | L9F6 | O2 | R157 | C5 | R414 | I11 |
| C307 | H11 | C421 | G10 | C5W1 | A2 | C918 | L11 | FR02 | B7 | LD501 | J5 | R158 | A4 | R415 | I11 |
| C309 | H11 | C423 | J10 | C5X2 | K3 | C923 | O12 | IC101 | B9 | R5501 | E4 | R159 | B4 | R416 | I11 |
| C310 | H10 | C424 | F10 | C701 | M7 | C924 | O12 | IC102 | C9 | P3D01 | J10 | R160 | B3 | R417 | I10 |
| C311 | H10 | C431 | J12 | C702 | O7 | C941 | O9 | IC103 | C7 | P3D02 | O9 | R161 | B3 | R418 | I10 |
| C312 | H9 | C466 | G10 | C703 | P7 | C942 | O8 | IC201 | E11 | P3D03 | N8 | R162 | B4 | R419 | F10 |
| C313 | F8 | C467 | G11 | C704 | O11 | C948 | O10 | IC502 | D10 | PH701 | P6 | R164 | B4 | R420 | F10 |
| C314 | H9 | C500 | H9 | C705 | P12 | C949 | O9 | IC503 | L3 | PH702 | P3 | R165 | B3 | R421 | F10 |
| C315 | G8 | C501 | I5 | C706 | O7 | C950 | O9 | IC504 | M3 | PH801 | E1 | R166 | A3 | R422 | G10 |
| C316 | G8 | C502 | H9 | C707 | P10 | C951 | N10 | IC505 | N2 | PH801 | J12 | R167 | B3 | R422 | G10 |
| C317 | G8 | C503 | F5 | C709 | P8 | C953 | O10 | IC701 | O4 | PM01 | B1 | R169 | A3 | R424 | H12 |
| C318 | G9 | C504 | C3 | C710 | P10 | C954 | O10 | IC901 | O10 | PM101 | E9 | R170 | A3 | R425 | K9 |
| C319 | G8 | C505 | N2 | C711 | P10 | C955 | L6 | J101 | B5 | PW101 | A12 | R171 | B5 | R430 | K9 |
| C320 | E6 | C506 | N2 | C712 | O8 | C9F1 | O2 | J102 | A3 | Q151 | B5 | R201 | F11 | R436 | K9 |
| C322 | H8 | C507 | L3 | C7M1 | P12 | C9F2 | O1 | J103 | A4 | Q152 | C4 | R204 | D11 | R438 | G12 |
| C323 | F9 | C508 | I5 | C7M2 | O9 | C9F3 | P2 | J1A1 | L3 | Q153 | B5 | R205 | D10 | R439 | G12 |
| C324 | G8 | C509 | N3 | C7M3 | P11 | C9F4 | O2 | J501 | L1 | Q154 | B4 | R206 | D10 | R440 | G12 |
| C325 | F8 | C510 | P4 | C7M4 | P11 | C9F5 | O2 | J502 | L1 | Q155 | B3 | R207 | F11 | R441 | L4 |
| C326 | F9 | C512 | G4 | C7M5 | P11 | CF01 | A1 | J503 | O3 | Q156 | A3 | R208 | E11 | R442 | L4 |
| C327 | I8 | C513 | F4 | C7M8 | N11 | CF02 | B1 | J504 | O2 | Q157 | B3 | R209 | E10 | R504 | M2 |

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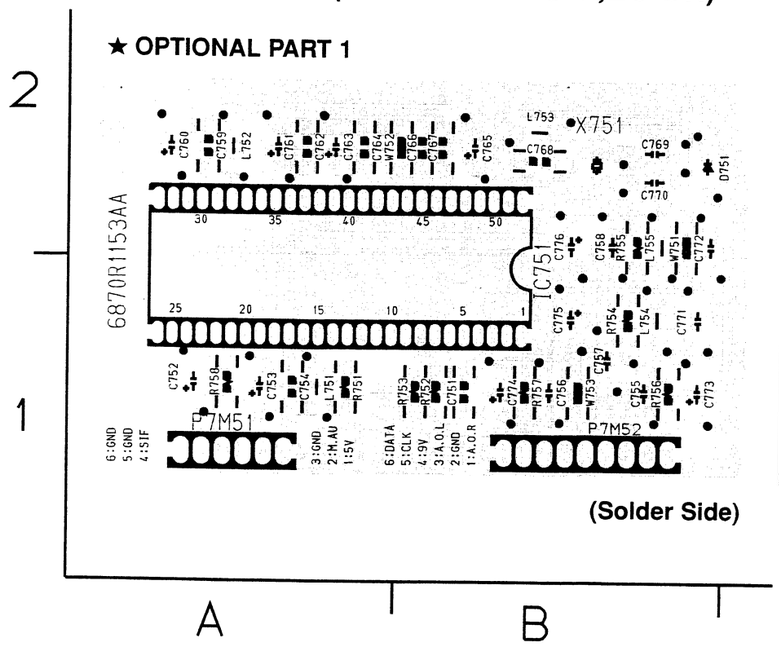
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| R505 | E7 | R5C7 | N5 | R950 | N10 | R5A3 | G6 | R5R5 | K3 | R5Z1 | D5 | ZD803 | J10 | ZD5F1 | A2 |
| R506 | D10 | R5C9 | M3 | R9F3 | P1 | R5A4 | F4 | R5R6 | K3 | R5Z2 | D5 | ZD804 | K8 | ZD5F2 | A2 |
| R507 | D6 | R5F0 | K1 | RF01 | A2 | R5A5 | F4 | R5R7 | K3 | R701 | A1 | ZD805 | J10 | ZD5F3 | O2 |
| R508 | M6 | R5F1 | K2 | RF02 | A1 | R5A6 | F4 | R5R8 | K3 | R702 | A1 | ZD806 | J10 | ZD5F4 | O2 |
| R509 | L5 | R5F2 | A3 | RF03 | A1 | R5A7 | F4 | R5R9 | K3 | R703 | A1 | ZD807 | L8 | ZD5F5 | O2 |
| R510 | M6 | R5F3 | A3 | RF04 | B1 | R5A8 | F4 | R5RA | K3 | R704 | A1 | ZD808 | L7 | ZD5F6 | O2 |
| R511 | F2 | R5G8 | A4 | RF05 | B1 | R5B1 | L5 | R5RB | K3 | R705 | A1 | ZD809 | L8 | | |
| R512 | E5 | R5H1 | A4 | RF06 | B1 | R5B2 | L5 | R5RC | K3 | R706 | P10 | ZD816 | M7 | | |
| R513 | F5 | R5H2 | E1 | RF07 | B1 | R5B3 | L5 | R5RD | K3 | R707 | P11 | ZD901 | N11 | | |
| R514 | G2 | R5H3 | A2 | RF08 | B2 | R5B4 | L5 | R5RE | K3 | R708 | P11 | ZD902 | N11 | | |
| R515 | G2 | R5P2 | N4 | RF09 | B2 | R5B5 | L5 | R5RF | K3 | R709 | P11 | ZD903 | N12 | | |
| R516 | G3 | R5P3 | M4 | RF10 | A2 | R5B6 | L2 | R5RG | K3 | R710 | P11 | ZD904 | N12 | | |
| R517 | F3 | R5P4 | M4 | RF11 | M1 | R5B7 | L2 | R5RH | K3 | R711 | P11 | ZD905 | N12 | | |
| R518 | G4 | R5P5 | M4 | RF12 | O2 | R5B8 | L2 | R5RJ | K3 | R712 | P11 | ZD906 | N12 | | |
| R519 | G5 | R5R1 | M5 | RF13 | O2 | R5B9 | L2 | R5RK | K3 | R713 | P11 | ZD907 | N12 | | |
| R520 | G5 | R5R2 | K2 | RF14 | P2 | R5BA | L2 | R5RL | K3 | R714 | P11 | ZD908 | N12 | | |
| R521 | D3 | R5R3 | K3 | RF15 | L1 | R5BB | L2 | R5RM | K3 | R715 | P11 | ZD909 | N12 | | |
| R522 | D3 | R5R4 | K3 | RF16 | P2 | R5BC | L2 | R5RN | K3 | R716 | P11 | ZD910 | N12 | | |
| R523 | D3 | R5R5 | K3 | RF17 | P2 | R5BD | L2 | R5RP | K3 | R717 | P11 | ZD911 | N12 | | |
| R524 | E9 | R5R6 | K3 | RF18 | P2 | R5BE | L2 | R5RR | K3 | R718 | P11 | ZD912 | N12 | | |
| R525 | E9 | R5R7 | K3 | RF19 | P2 | R5BF | L2 | R5RS | K3 | R719 | P11 | ZD913 | N12 | | |
| R526 | E9 | R5R8 | K3 | RF20 | P2 | R5BG | L2 | R5RT | K3 | R720 | P11 | ZD914 | N12 | | |
| R527 | G5 | R5R9 | K3 | RF21 | P2 | R5BH | L2 | R5RU | K3 | R721 | P11 | ZD915 | N12 | | |
| R528 | E6 | R5RA | K3 | RF22 | P2 | R5BJ | L2 | R5RV | K3 | R722 | P11 | ZD916 | N12 | | |
| R529 | K3 | R5RB | K3 | RF23 | P2 | R5BK | L2 | R5RW | K3 | R723 | P11 | ZD917 | N12 | | |
| R530 | K3 | R5RC | K3 | RF24 | P2 | R5BL | L2 | R5RX | K3 | R724 | P11 | ZD918 | N12 | | |
| R531 | K3 | R5RD | K3 | RF25 | P2 | R5BM | L2 | R5RY | K3 | R725 | P11 | ZD919 | N12 | | |
| R532 | K3 | R5RE | K3 | RF26 | P2 | R5BN | L2 | R5RZ | K3 | R726 | P11 | ZD920 | N12 | | |
| R535 | D10 | R5RF | K3 | RF27 | P2 | R5BP | L2 | R5S1 | K3 | R727 | P11 | ZD921 | N12 | | |
| R542 | K3 | R5RG | K3 | RF28 | P2 | R5BR | L2 | R5S2 | K3 | R728 | P11 | ZD922 | N12 | | |
| R543 | K3 | R5RH | K3 | RF29 | P2 | R5BS | L2 | R5S3 | K3 | R729 | P11 | ZD923 | N12 | | |
| R544 | K3 | R5RJ | K3 | RF30 | P2 | R5BT | L2 | R5S4 | K3 | R730 | P11 | ZD924 | N12 | | |
| R545 | L3 | R5RK | K3 | RF31 | P2 | R5BU | L2 | R5S5 | K3 | R731 | P11 | ZD925 | N12 | | |
| R546 | D7 | R5RL | K3 | RF32 | P2 | R5BV | L2 | R5S6 | K3 | R732 | P11 | ZD926 | N12 | | |
| R547 | I5 | R5RM | K3 | RF33 | P2 | R5BW | L2 | R5S7 | K3 | R733 | P11 | ZD927 | N12 | | |
| R548 | K2 | R5RN | K3 | RF34 | P2 | R5BX | L2 | R5S8 | K3 | R734 | P11 | ZD928 | N12 | | |
| R549 | K2 | R5RP | K3 | RF35 | P2 | R5BY | L2 | R5S9 | K3 | R735 | P11 | ZD929 | N12 | | |
| R550 | K2 | R5RR | K3 | RF36 | P2 | R5BZ | L2 | R5SA | K3 | R736 | P11 | ZD930 | N12 | | |
| R551 | M5 | R5RS | K3 | RF37 | P2 | R5C1 | L5 | R5SB | K3 | R737 | P11 | ZD931 | N12 | | |
| R552 | D2 | R5RT | K3 | RF38 | P2 | R5C2 | L5 | R5SC | K3 | R738 | P11 | ZD932 | N12 | | |
| R553 | D2 | R5RU | K3 | RF39 | P2 | R5C3 | L5 | R5SD | K3 | R739 | P11 | ZD933 | N12 | | |
| R554 | K4 | R5RV | K3 | RF40 | P2 | R5C4 | L5 | R5SE | K3 | R740 | P11 | ZD934 | N12 | | |
| R555 | K4 | R5RW | K3 | RF41 | P2 | R5C5 | L5 | R5SF | K3 | R741 | P11 | ZD935 | N12 | | |
| R556 | K4 | R5RX | K3 | RF42 | P2 | R5C6 | L5 | R5SG | K3 | R742 | P11 | ZD936 | N12 | | |
| R557 | B8 | R5RY | K3 | RF43 | P2 | R5C7 | L5 | R5SH | K3 | R743 | P11 | ZD937 | N12 | | |
| R558 | L4 | R5RZ | K3 | RF44 | P2 | R5C8 | L5 | R5SJ | K3 | R744 | P11 | ZD938 | N12 | | |
| R559 | L4 | R5S1 | K3 | RF45 | P2 | R5C9 | L5 | R5SK | K3 | R745 | P11 | ZD939 | N12 | | |
| R560 | B3 | R5S2 | K3 | RF46 | P2 | R5CA | L5 | R5SL | K3 | R746 | P11 | ZD940 | N12 | | |
| R561 | M5 | R5S3 | K3 | RF47 | P2 | R5CB | L5 | R5SM | K3 | R747 | P11 | ZD941 | N12 | | |
| R562 | D2 | R5S4 | K3 | RF48 | P2 | R5CC | L5 | R5SN | K3 | R748 | P11 | ZD942 | N12 | | |
| R563 | D10 | R5S5 | K3 | RF49 | P2 | R5CD | L5 | R5SP | K3 | R749 | P11 | ZD943 | N12 | | |
| R564 | M5 | R5S6 | K3 | RF50 | P2 | R5CE | L5 | R5SR | K3 | R750 | P11 | ZD944 | N12 | | |
| R565 | M5 | R5S7 | K3 | RF51 | P2 | R5CF | L5 | R5SS | K3 | R751 | P11 | ZD945 | N12 | | |
| R566 | M5 | R5S8 | K3 | RF52 | P2 | R5CG | L5 | R5ST | K3 | R752 | P11 | ZD946 | N12 | | |
| R567 | F4 | R5S9 | K3 | RF53 | P2 | R5CH | L5 | R5SU | K3 | R753 | P11 | ZD947 | N12 | | |
| R568 | G6 | R5SA | K3 | RF54 | P2 | R5CJ | L5 | R5SV | K3 | R754 | P11 | ZD948 | N12 | | |
| R569 | D10 | R5SB | K3 | RF55 | P2 | R5CK | L5 | R5SW | K3 | R755 | P11 | ZD949 | N12 | | |
| R570 | M2 | R5SC | K3 | RF56 | P2 | R5CL | L5 | R5SX | K3 | R756 | P11 | ZD950 | N12 | | |
| R571 | M2 | R5SD | K3 | RF57 | P2 | R5CM | L5 | R5SY | K3 | R757 | P11 | ZD951 | N12 | | |
| R572 | M2 | R5SE | K3 | RF58 | P2 | R5CN | L5 | R5SZ | K3 | R758 | P11 | ZD952 | N12 | | |
| R573 | J2 | R5SF | K3 | RF59 | P2 | R5CP | L5 | R5T1 | K3 | R759 | P11 | ZD953 | N12 | | |
| R574 | J2 | R5SG | K3 | RF60 | P2 | R5CR | L5 | R5T2 | K3 | R760 | P11 | ZD954 | N12 | | |
| R575 | J2 | R5SH | K3 | RF61 | P2 | R5CS | L5 | R5T3 | K3 | R761 | P11 | ZD955 | N12 | | |
| R576 | J2 | R5SJ | K3 | RF62 | P2 | R5CT | L5 | R5T4 | K3 | R762 | P11 | ZD956 | N12 | | |
| R577 | J2 | R5SK | K3 | RF63 | P2 | R5CU | L5 | R5T5 | K3 | R763 | P11 | ZD957 | N12 | | |
| R578 | L5 | R5SL | K3 | RF64 | P2 | R5CV | L5 | R5T6 | K3 | R764 | P11 | ZD958 | N12 | | |
| R579 | I5 | R5SM | K3 | RF65 | P2 | R5CW | L5 | R5T7 | K3 | R765 | P11 | ZD959 | N12 | | |
| R580 | L5 | R5SN | K3 | RF66 | P2 | R5CX | L5 | R5T8 | K3 | R766 | P11 | ZD960 | N12 | | |
| R581 | L5 | R5SP | K3 | RF67 | P2 | R5CY | L5 | R5T9 | K3 | R767 | P11 | ZD961 | N12 | | |
| R582 | D2 | R5SR | K3 | RF68 | P2 | R5CZ | L5 | R5TA | K3 | R768 | P11 | ZD962 | N12 | | |
| R583 | C3 | R5SS | K3 | RF69 | P2 | R5D1 | L5 | R5TB | K3 | R769 | P11 | ZD963 | N12 | | |
| R584 | L4 | R5ST | K3 | RF70 | P2 | R5D2 | L5 | R5TC | K3 | R770 | P11 | ZD964 | N12 | | |
| R585 | K5 | R5SU | K3 | RF71 | P2 | R5D3 | L5 | R5TD | K3 | R771 | P11 | ZD965 | N12 | | |
| R586 | K5 | R5SV | K3 | RF72 | P2 | R5D4 | L5 | R5TE | K3 | R772 | P11 | ZD966 | N12 | | |
| R587 | K5 | R5SW | K3 | RF73 | P2 | R5D5 | L5 | R5TF | K3 | R773 | P11 | ZD967 | N12 | | |
| R588 | K5 | R5SX | K3 | RF74 | P2 | R5D6 | L5 | R5TG | K3 | R774 | P11 | ZD968 | N12 | | |
| R589 | G3 | R5SY | K3 | RF75 | P2 | R5D7 | L5 | R5TH | K3 | R775 | P11 | ZD969 | N12 | | |
| R590 | M6 | R5SZ | K3 | RF76 | P2 | R5D8 | L5 | R5TJ | K3 | R776 | P11 | ZD970 | N12 | | |
| R591 | K11 | R5T1 | K3 | RF77 | P2 | R5D9 | L5 | R5TK | K3 | R777 | P11 | ZD971 | N12 | | |
| R592 | K11 | R5T2 | K3 | RF78 | P2 | R5DA | L5 | R5TL | K3 | R778 | P11 | ZD972 | N12 | | |
| R593 | K11 | R5T3 | K3 | RF79 | P2 | R5DB | L5 | R5TM | K3 | R779 | P11 | ZD973 | N12 | | |
| R594 | K11 | R5T4 | K3 | RF80 | P2 | R5DC | L5 | R5TN | K3 | R780 | P11 | ZD974 | N12 | | |
| R595 | K11 | R5T5 | K3 | RF81 | P2 | R5DD | L5 | R5TP | K3 | R781 | P11 | ZD975 | N12 | | |
| R596 | K11 | R5T6 | K3 | RF82 | P2 | R5DE | L5 | R5TR | K3 | R782 | P11 | ZD976 | N12 | | |
| R597 | K11 | R5T7 | K3 | RF83 | P2 | R5DF | L5 | R5TS | K3 | R783 | P11 | ZD977 | N12 | | |
| R598 | K11 | R5T8 | K3 | RF84 | P2 | R5DG | L5 | R5TT | K3 | R784 | P11 | ZD978 | N12 | | |
| R599 | K11 | R5T9 | K3 | RF85 | P2 | R5DH | L5 | R5TU | K3 | R785 | P11 | ZD979 | N12 | | |
| R5A1 | F4 | R5TA | K3 | RF86 | P2 | R5DJ | L5 | R5TV | K3 | R786 | P11 | ZD980 | N12 | | |
| R5A2 | F4 | R5TB | K3 | RF87 | P2 | R5DK | L5 | R5TW | K3 | R787 | P11 | ZD981 | N12 | | |

| ABBREVIATIONS |
|---|
| ADJ : Adjustment |
| PG : Pulse Generator |

NOTE : ● Measurement Point
□ : Adjustment Point
Emitter : TRANSISTOR
Collector
Base

## 2. NICAM P.C.Board (VS-J701/718EO-D,EO-DN)

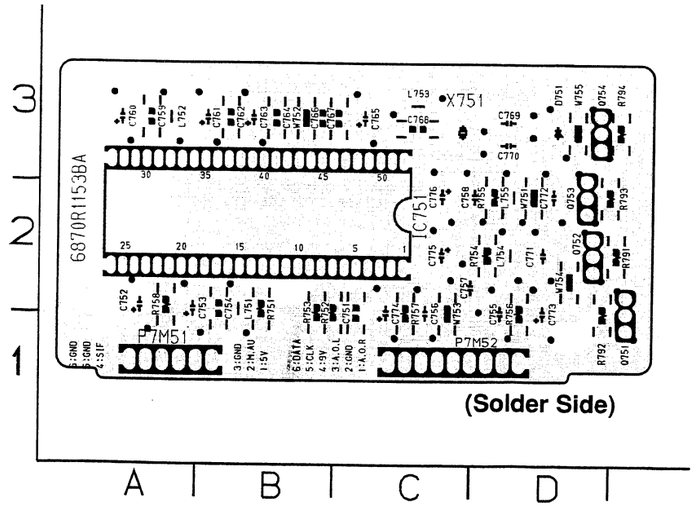
★ OPTIONAL PART 1




LOCATION GUIDE

| | | | |
|---|---|---|---|
| C751 | B1 | C774 | B1 |
| C752 | A1 | C775 | B1 |
| C753 | A1 | C776 | B2 |
| C754 | A1 | D751 | C2 |
| C755 | B1 | IC751 | B1 |
| C756 | B1 | L751 | A1 |
| C757 | B1 | L752 | A2 |
| C758 | B2 | L753 | B2 |
| C759 | A2 | L754 | B1 |
| C760 | A2 | L755 | B2 |
| C761 | A2 | P7M51 | A1 |
| C762 | A2 | P7M52 | B1 |
| C763 | A2 | R751 | A1 |
| C764 | A2 | R752 | B1 |
| C765 | B2 | R753 | B1 |
| C766 | B2 | R754 | B1 |
| C767 | B2 | R755 | B2 |
| C768 | B2 | R756 | B1 |
| C769 | B2 | R757 | B1 |
| C770 | B2 | R758 | A1 |
| C771 | B1 | X751 | B2 |
| C772 | C2 | | |
| C773 | B1 | | |

★ OPTIONAL PART 2



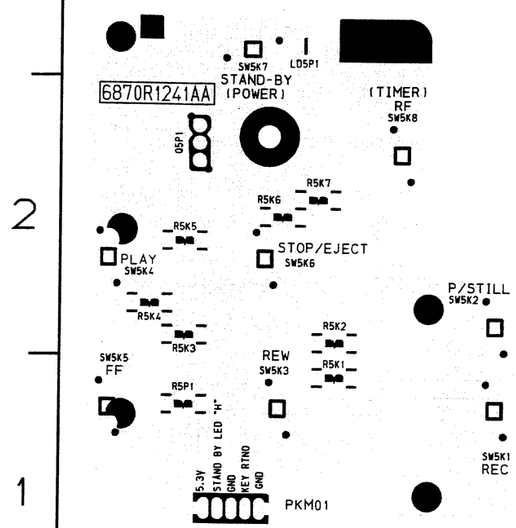

LOCATION GUIDE

| | | | |
|---|---|---|---|
| C751 | C2 | D751 | D3 |
| C752 | A2 | IC751 | C2 |
| C753 | A2 | L751 | B2 |
| C754 | B2 | L752 | A3 |
| C755 | D2 | L753 | C3 |
| C756 | C2 | L754 | D2 |
| C757 | C2 | L755 | D2 |
| C758 | D2 | P7M51 | B1 |
| C759 | A3 | P7M52 | D1 |
| C760 | A3 | Q751 | E2 |
| C761 | B3 | Q752 | D2 |
| C762 | B3 | Q753 | D2 |
| C763 | B3 | Q754 | D3 |
| C764 | B3 | R751 | B2 |
| C765 | C3 | R752 | B2 |
| C766 | B3 | R753 | B2 |
| C767 | C3 | R754 | D2 |
| C768 | C3 | R755 | D2 |
| C769 | D3 | R756 | D2 |
| C770 | D3 | R757 | C2 |
| C771 | D2 | R758 | A2 |
| C772 | D2 | R791 | E2 |
| C773 | D2 | R792 | D2 |
| C774 | C2 | R793 | D2 |
| C775 | C2 | R794 | E3 |
| C776 | C2 | X751 | C3 |



## 3. KEY P.C.Board

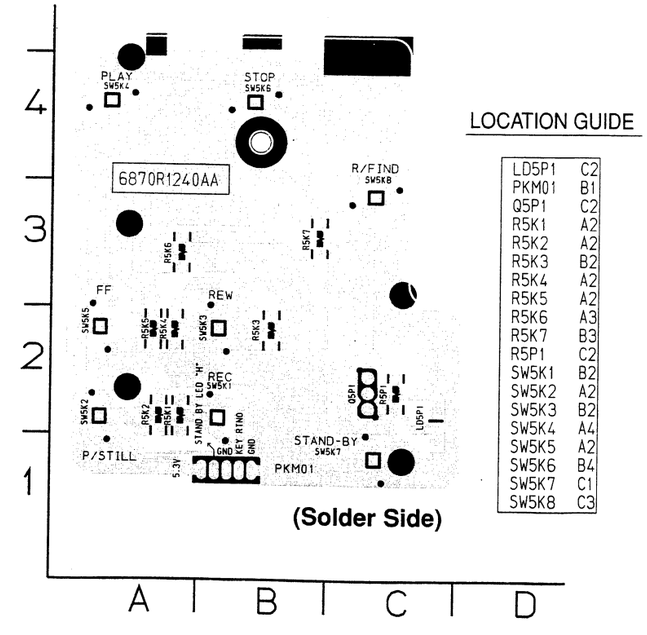
★ VS-J718EO-D/718EO-DN/VS-J218EO/418EO




LOCATION GUIDE

| | |
|---|---|
| LD5P1 | A3 |
| PKM01 | A1 |
| Q5P1 | A2 |
| R5K1 | B1 |
| R5K2 | B2 |
| R5K3 | A2 |
| R5K4 | A2 |
| R5K5 | A2 |
| R5K6 | A2 |
| R5K7 | A2 |
| R5P1 | A1 |
| SW5K1 | B1 |
| SW5K2 | B2 |
| SW5K3 | A1 |
| SW5K4 | A2 |
| SW5K5 | A1 |
| SW5K6 | A2 |
| SW5K7 | A3 |
| SW5K8 | B2 |

★ VS-J701EO-D/701EO-DN/VS-J200EO




LOCATION GUIDE

| | |
|---|---|
| LD5P1 | C2 |
| PKM01 | B1 |
| Q5P1 | C2 |
| R5K1 | A2 |
| R5K2 | A2 |
| R5K3 | B2 |
| R5K4 | A2 |
| R5K5 | A2 |
| R5K6 | A3 |
| R5K7 | B3 |
| R5P1 | C2 |
| SW5K1 | B2 |
| SW5K2 | A2 |
| SW5K3 | B2 |
| SW5K4 | A4 |
| SW5K5 | A2 |
| SW5K6 | B4 |
| SW5K7 | C1 |
| SW5K8 | C3 |

# SECTION 4 MECHANISM

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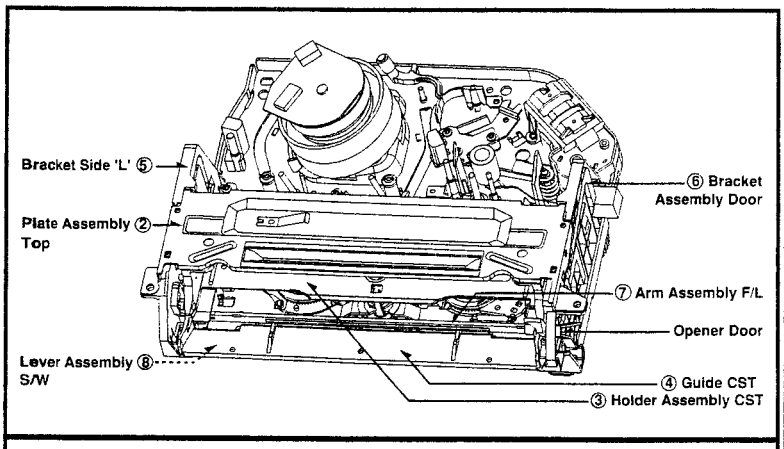
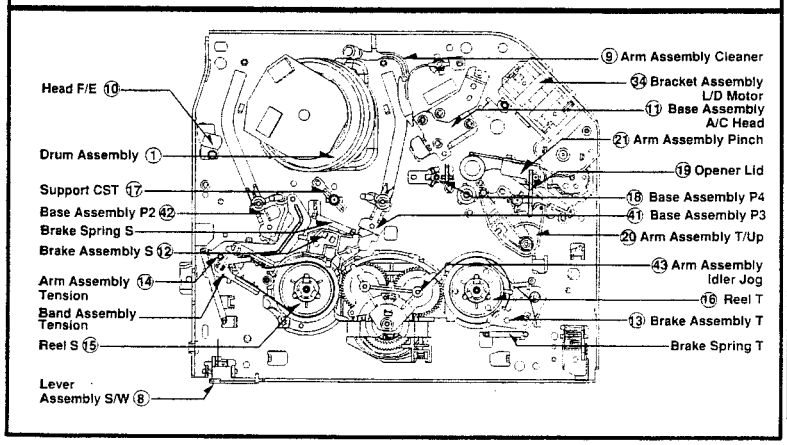
# DECK MECHANISM PARTS LOCATIONS

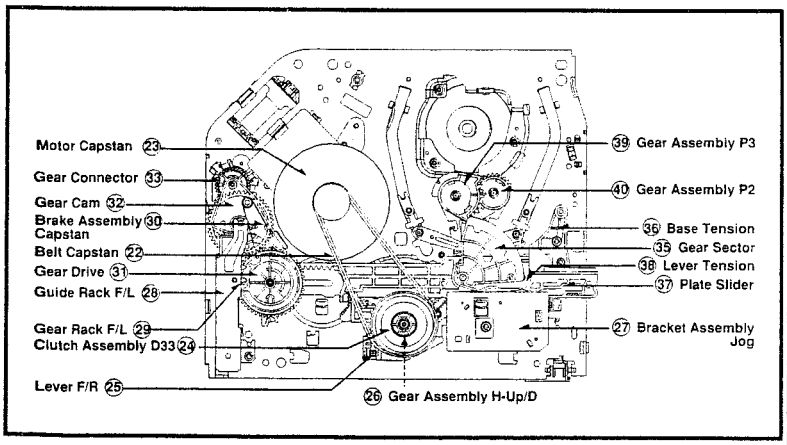
## • Top View




| Starting No. \ Procedure | | Part | Fixing Type | Figure |
|---|---|---|---|---|
| | 1 | Drum Assembly | 3 Screws , Cap FPC | A-1 |
| | 2 | Plate Assembly Top | Two Hooks | A-2 |
| 2 | 3 | Holder Assembly CST | Chassis Hole | A-2 |
| | 4 | Guide CST | 2 Hooks | A-2 |
| 2,3,4 | 5 | Bracket Side (L) | 1 Screw | A-2 |
| 2,3,4 | 6 | Bracket Assembly Door | 1 Screw | A-2 |
| 2,3,4,5,6 | 7 | Arm Assembly F/L | Chassis Hole | A-2 |
| 2,3,4,5 | 8 | Lever Assembly S/W | Chassis Hole | A-2 |
| | 9 | Arm Assembly Cleaner | Chassis Embossing | A-3 |
| | 10 | Head F/E | 2 Hooks | A-3 |
| | 11 | Base Assembly A/C Head | 1 Screw | A-3 |
| | 12 | Brake Assembly S | Chassis Hole | A-4 |
| 2,3 | 13 | Brake Assembly T | Chassis Hole | A-4 |
| 2,3,12, | 14 | Arm Assembly Tension | Chassis Hole | A-4 |
| 2,3,12,14 | 15 | Reel S | Chassis Shaft | A-4 |
| 2,3,13 | 16 | Reel T | Chassis Shaft | A-4 |
| | 17 | Support CST | Chassis Embossing | A-5 |
| | 18 | Base Assembly P4 | Chassis Embossing | A-5 |
| | 19 | Opener Lid | Chassis Embossing | A-5 |
| 19 | 20 | Arm Assembly T/Up | Chassis Embossing | A-5 |
| 19 | 21 | Arm Assembly Pinch | Chassis Shaft | A-5 |

## • Bottom View




| Starting No. \ Procedure | | Part | Fixing Type | Figure |
|---|---|---|---|---|
| | 22 | Belt Capstan | | A-6 |
| 22 | 23 | Motor Capstan | 3 Screws | A-6 |
| | 24 | Clutch Assembly D33 | 1 Washer | A-6 |
| 22,24 | 25 | Lever F/R | 1 Hook | A-6 |
| 22,24 | 26 | Gear Assembly H-Up/D | 2 Washers | A-6 |
| | 27 | Bracket Assembly Jog | 1 Screw | A-7 |
| | 28 | Guide Rack F/L | 1Screw | A-7 |
| 28 | 29 | Gear Rack F/L | | A-7 |
| 28, 29 | 30 | Brake Assembly Capstan | Chassis Shaft | A-7 |
| 28, 29 | 31 | Gear Drive | 1 Washer | A-8 |
| 28, 29, 30 | 32 | Gear Cam | Chassis Shaft | A-8 |
| 28, 29, 30, 31 | 33 | Gear Connector | Chassis Shaft | A-8 |
| | 34 | Bracket Assembly L/D Motor | 3 Hooks | A-8 |
| | 35 | Gear Sector | 3 Washers | A-9 |
| | 36 | BaseTension | 1 Screw | A-9 |
| 22, 24, 25, 27, 28, 29, 31, 35, 36 | 37 | Plate Slider | Chassis Shaft | A-9 |
| 22, 24, 25, 27, 28, 29, 31, 35, 36 | 38 | Lever Tension | Chassis Hole | A-9 |
| 35 | 39 | Gear Assembly P3 | 2 Hooks | A-10 |
| 35, 39 | 40 | Gear Assembly P2 | 2 Hooks | A-10 |
| 35, 39, 40 | 41 | Base Assembly P3 | Chassis Hole | A-10 |
| 35, 39, 40, 41 | 42 | Base Assembly P2 | Chassis Hole | A-10 |
| 1, 2 | 43 | Arm Assembly Idler Jog | 1 Hook | A-10 |

**NOTE : When reassembly perform the procedure in the reverse order.**

1) When reassembling, confirm Mechanism and Mode Switch Alignment Position (Pefer to Page 4-14)
2) When disassembling, the Parts for Starting No. Should be removed first.

# DECK MECHANISM DISASSEMBLY

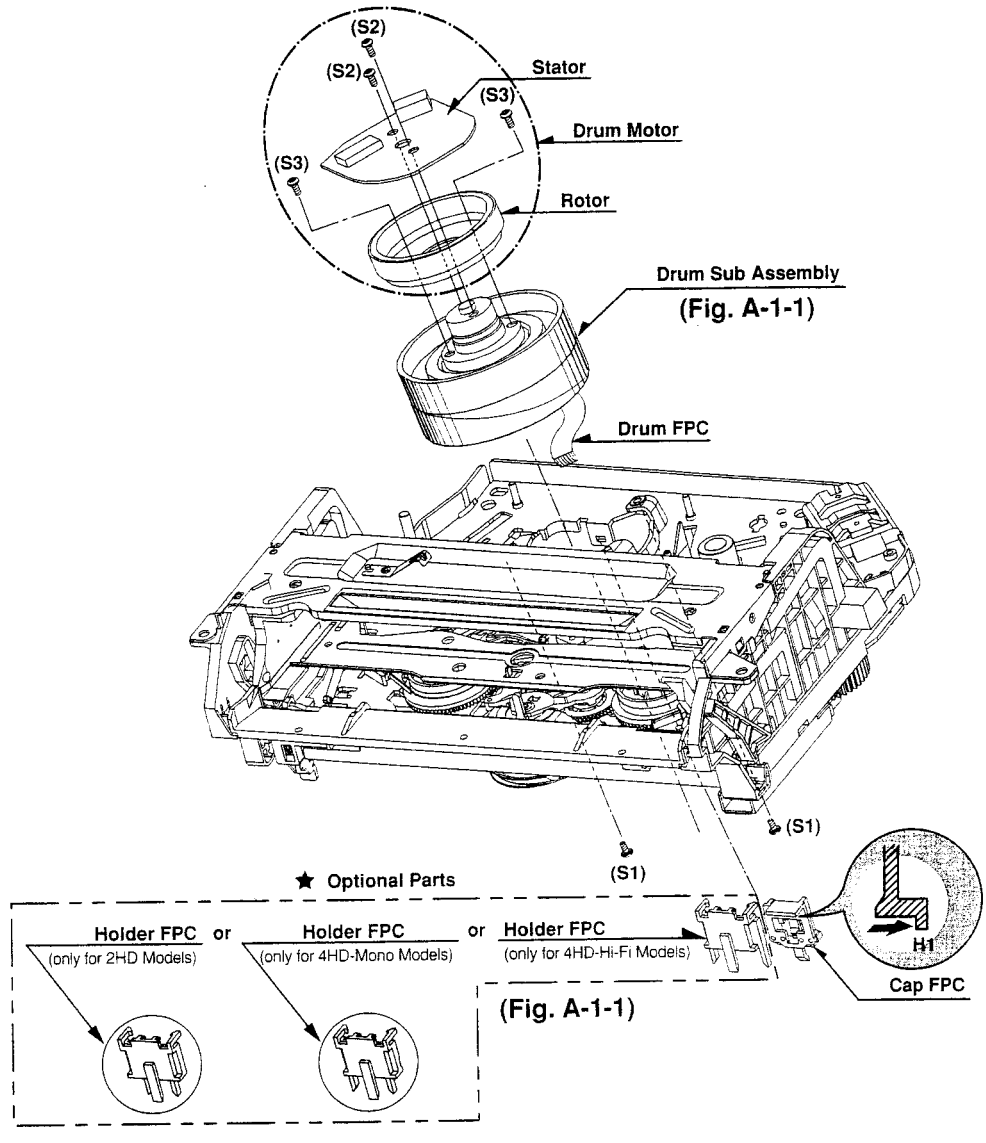



Fig. A-1

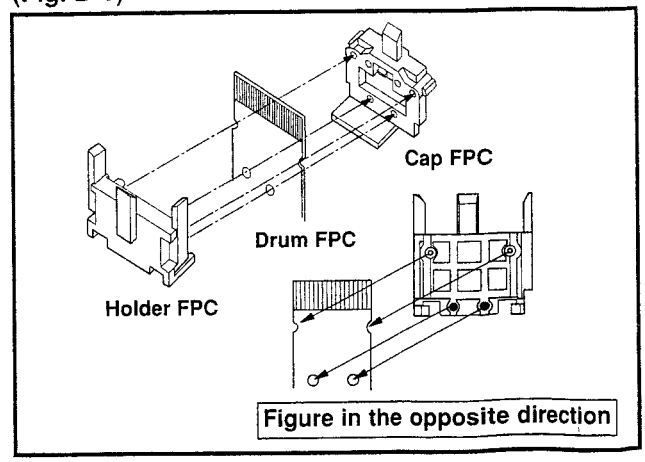
## 1. Drum Assembly (Fig. A-1-1)

1) Unhook the (H1) on the back side of the Chassis and separate the Cap FPC.
2) Remove three Screws (S1) and lift up the Drum Assembly.
3) Remove two Screws (S2) and Separate the Stator of Drum Motor.
4) Remove two Screws (S3) and Separate the Rotor of Drum Motor from the Drum Sub Assembly.

**NOTE**

(1) When reassembling Cap FPC, two Holes of Drum FPC are inserted to the two Bosses of Holder FPC correctly. (Refer to Fig. B-1)

(Fig. B-1)



# DECK MECHANISM DISASSEMBLY

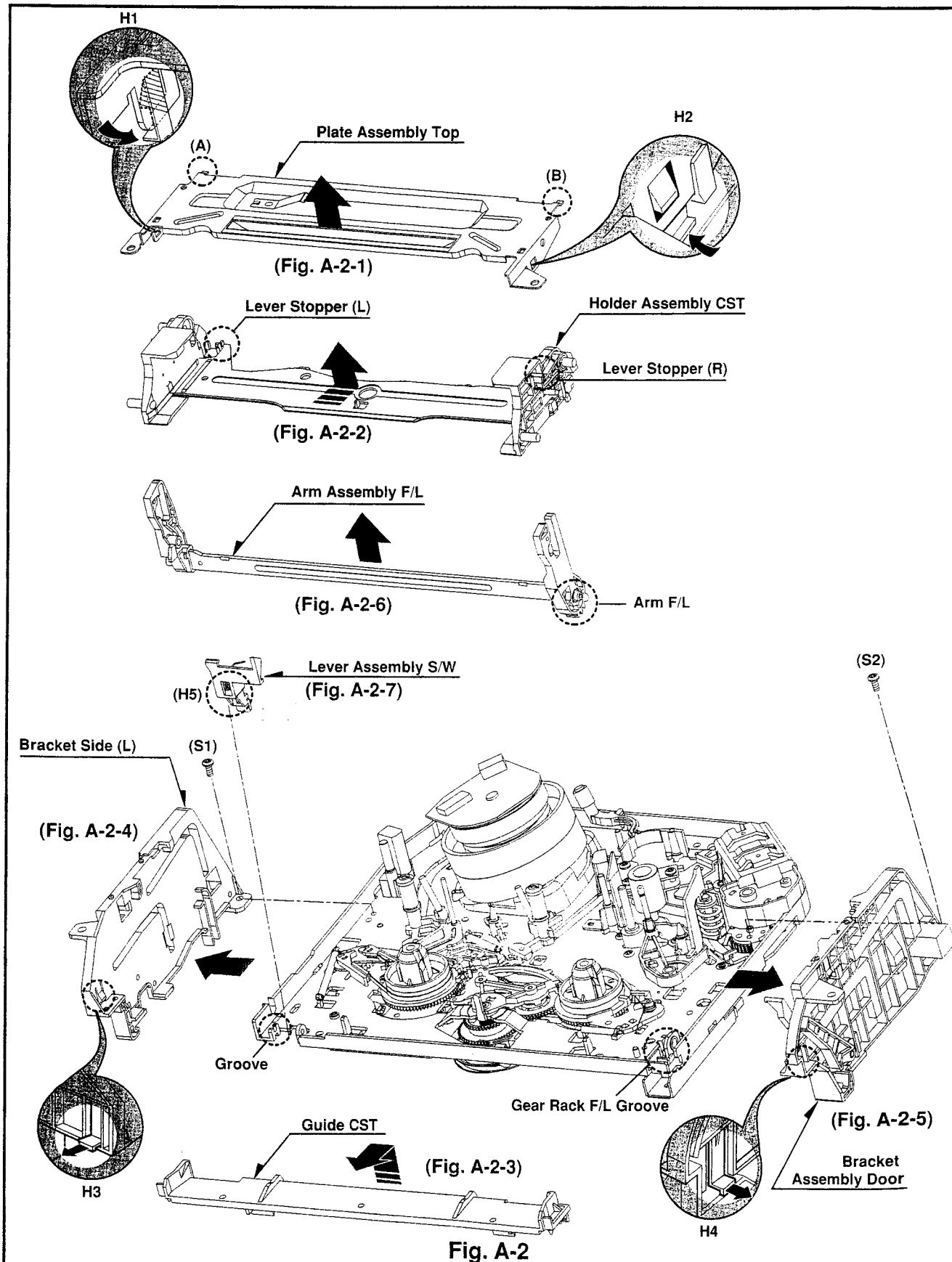



Fig. A-2

# DECK MECHANISM DISASSEMBLY

## 2. Plate Assembly Top (Fig. A-2-1)

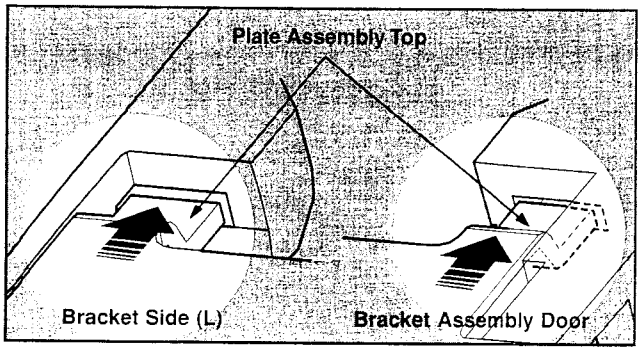
1) Unhook the (H1) and separate the Left Side.
2) Unhook the (H2) and lift up the Plate Assembly Top.

**NOTE**

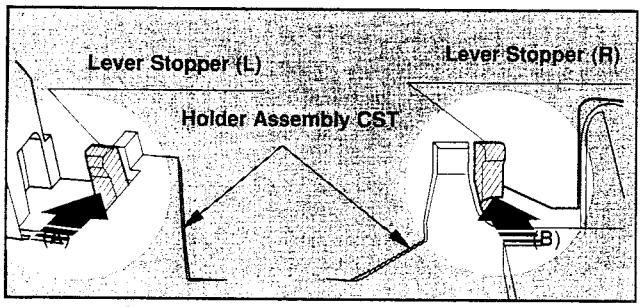
(1) When reassembling, confirm (A),(B) Part of the Plate Assembly Top is inserted to the (L),(R) Grooves of the Bracket Side(L) and Bracket Assembly Door.

## 3. Holder Assembly CST (Fig.A-2-2)

1) Push the Lever Stopper(L),(R) in the direction of the arrows (A), (B), and move the Holder Assembly CST.

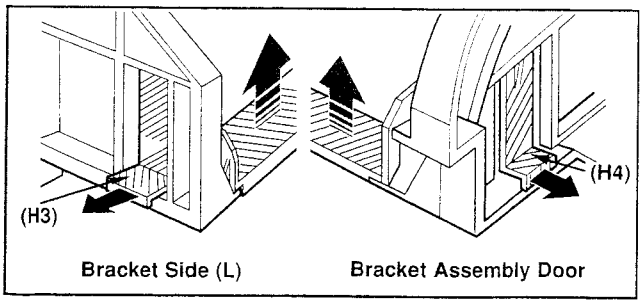



2) Push the Bracket Assembly Door to the right and lift up the Holder Assembly CST along the Guide Groove of the Bracket Assembly Door.




## 4. Guide CST (Fig.A-2-3)

1) Push two Hooks(H3),(H4) in the direction of the arrow and separate the left side.
2) Unhook (H5),(H6) as above No.1) and disassemble the Guide CST in the direction of the arrow.




## 5. Bracket Side(L) (Fig. A-2-4)/ Bracket Assembly Door (Fig.A-2-5)

1) Remove the Screw (S1) and disassemble the Bracket Side(L) in the front.
2) Remove the Screw (S2) and disassemble the Bracket Assembly Door in the front.

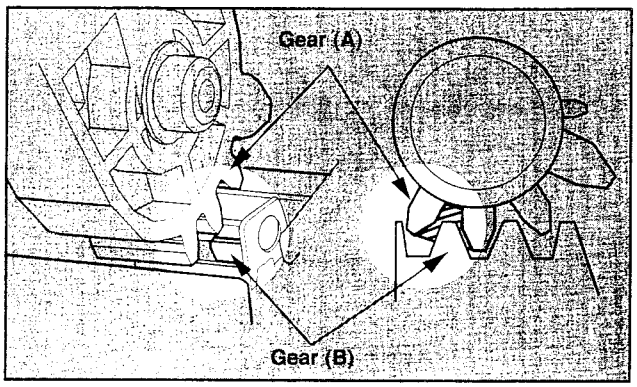
## 6. Arm Assembly F/L (Fig. A-2-6)

1) Push the Arm Assembly F/L to the left and lift up it.

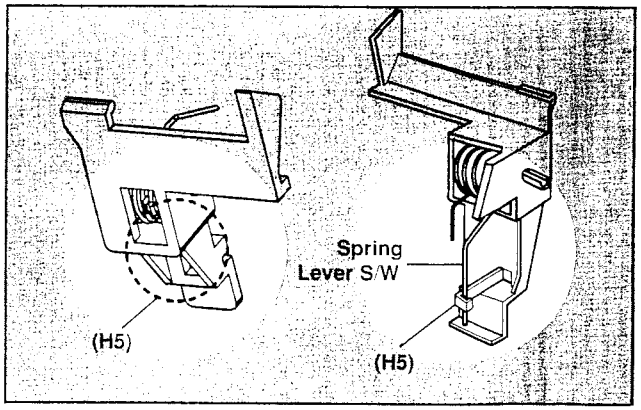
**NOTE**

(1) When reassembling, confirm that the Gear(A) of the Arm F/L and the Gear(B) of the Gear Rack F/L are assembled as below.

## 7. Lever Assembly S/W (Fig. A-2-7)

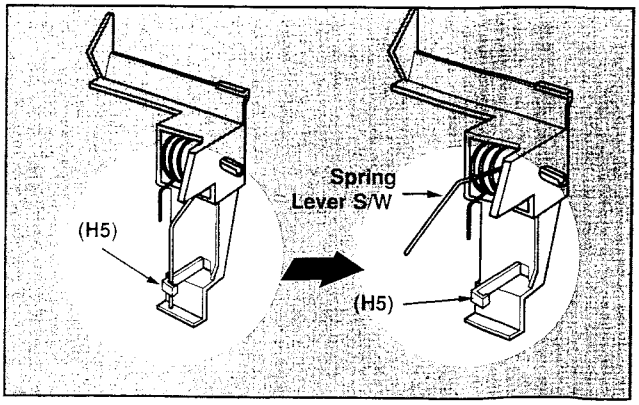



1) Hook the Spring Lever S/W on (H5).
2) Lift up the left side of the Lever S/W from the Groove(A) of the Chassis.




**NOTE**

(1) Place the Spring Lever S/W of the above (No.1) as original position.



# DECK MECHANISM DISASSEMBLY

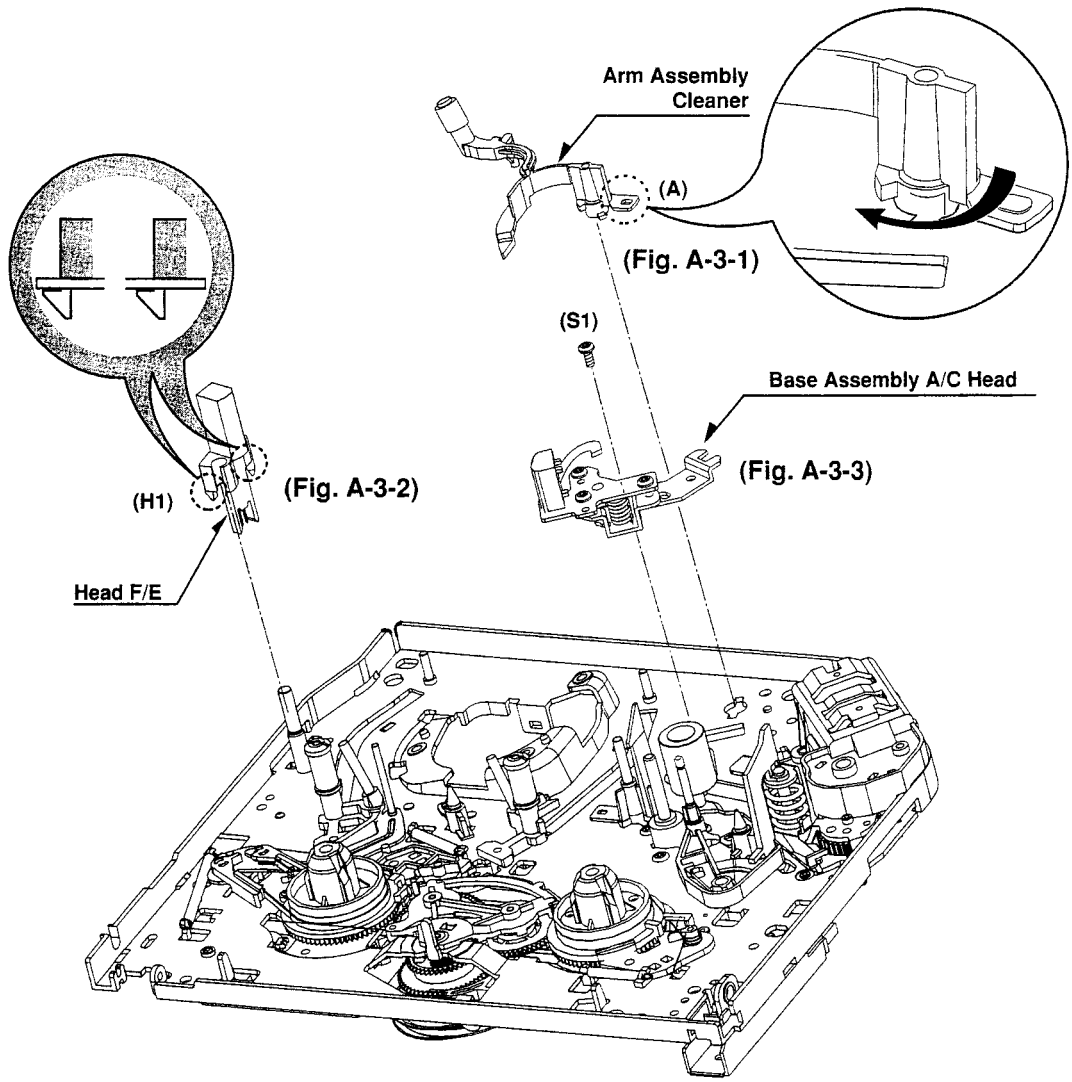



Fig. A-3

## 8. Arm Assembly Cleaner(Fig. A-3-1)

1) Break away the (A) part shown above Fig. A-3-1 from the Embossing of the Chassis in the clockwise direction and lift up the Arm Assembly Cleaner.

## 9. Head F/E (Fig. A-3-2)

1) Unhook the two Hooks (H1) on the back side of the Chassis and lift up the Head F/E.

## 10. Base Assembly A/C Head (Fig. A-3-3)

1) Remove the Screw (S1) and lift up the Base Assembly A/C Head.

# DECK MECHANISM DISASSEMBLY

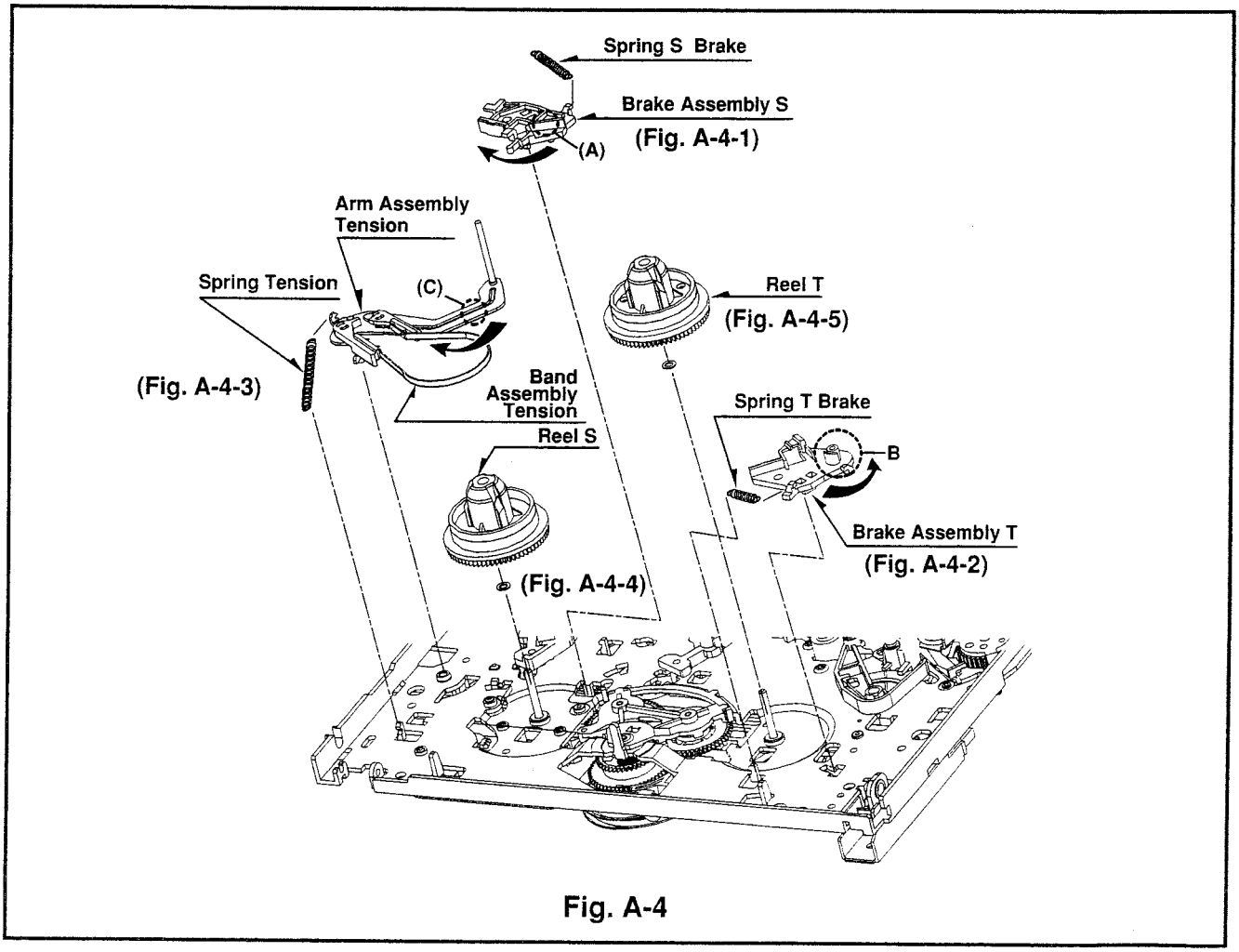



Fig. A-4

## 11. Brake Assembly S (Fig. A-4-1)

1) Remove the Spring S Brake.
2) Hold the (A) part shown above Fig. A-4-1 and turn to the clockwise direction, and then lift up the Brake Assembly S.

**NOTE**

(1) When reassembling, be careful not to change the Spring with below No.12.(Refer to Fig. B-2).

## 12. Brake Assembly T (Fig. A-4-2)

1) Remove the Spring T Brake.
2) Hold the (B) part shown above Fig. A-4-2 and turn to the counterclockwise direction, and then lift up the Brake Assembly T.

**NOTE**

(1) When reassembling, be careful not to change the Spring with above No.11.(Refer to Fig. B-2).

**(Difference for Springs)** (Fig. B-2)

| | |
|---|---|
| | **Spring T Brake** Color (Black) |
| | **Spring S Brake** |
| | **Spring Tension** |

## 13. Arm Assembly Tension (Fig. A-4-3)

1) Remove the Spring Tension.
2) Hold the (C) part shown above Fig. A-4-3 and turn to the clockwise direction, and then lift up the Arm Assembly Tension.

**NOTE**

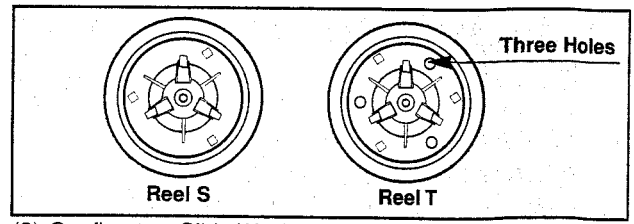
(1) When reassembling, be careful not to change the Spring with above No.11,12.(Refer to Fig. B-2).

## 14. Reel S (Fig. A-4-4) & Reel T (Fig. A-4-5)

1) Lift up the Reel S and Reel T.

**NOTE**

(1) When reassembling, be careful not to change the Reel S and Reel T each other.




(2) Confirm two Slide Washers under the Reel S and Reel T.

# DECK MECHANISM DISASSEMBLY

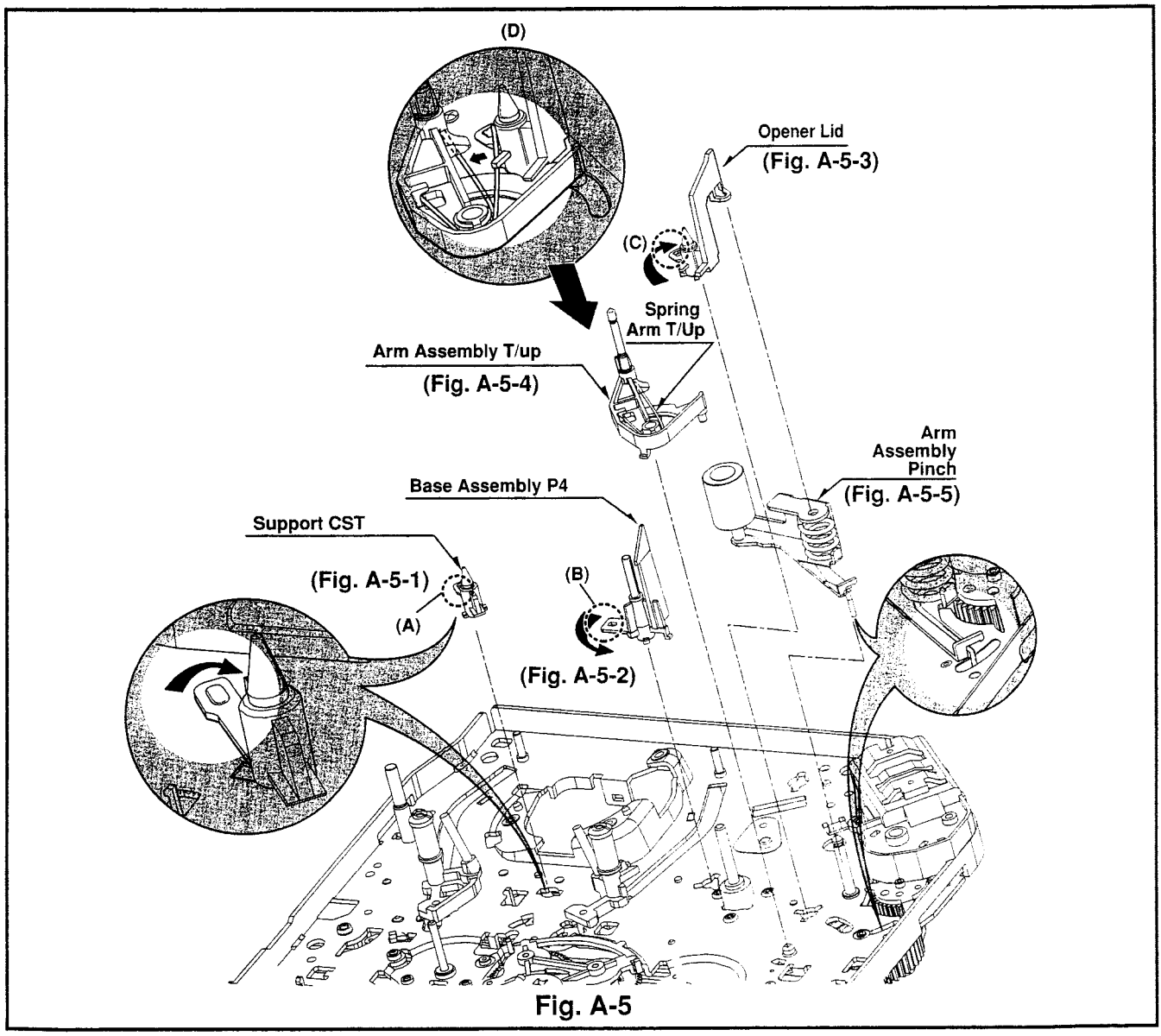



Fig. A-5

## 15. Support CST (Fig. A-5-1)

1) Break away the (A) part shown above Fig. A-5-1 from the Embossing of the Chassis in the clockwise direction, and lift up the Support CST.

## 16. Base Assembly P4 (Fig. A-5-2)

1) Break away the (B) part shown above Fig. A-5-2 from the Embossing of the Chassis in the counterclockwise direction and lift up the Base Assembly P4.

## 17. Opener Lid (Fig. A-5-3)

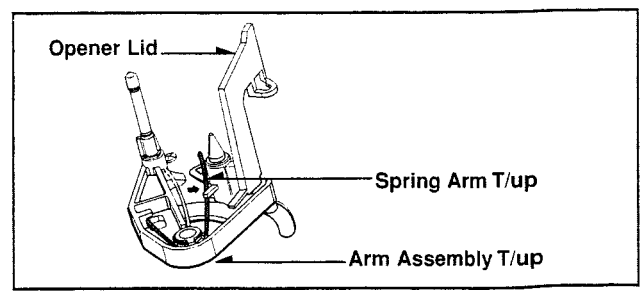
1) Hook the Spring Arm T/up on the Split digged under the Arm Assembly T/up.(Refer to Fig.A-5-4(D)).
2) Break away the (C) Part of the Opener Lid from the Embossing of the Chassis in the Clockwise direction and lift up the Opener Lid.

## 18. Arm Assembly T/up (Fig. A-5-4)

1) Confirm that the Spring Arm T/up is placed as above (No.17.1).
2) Lift up the Arm Assembly T/up.

**NOTE**

(1) When reassembling, unhook the Spring Arm T/up Shown above (No.17.1) to the original position.




## 19. Arm Assembly Pinch (Fig. A-5-5)

1) Lift up the Arm Assembly Pinch.

# DECK MECHANISM DISASSEMBLY

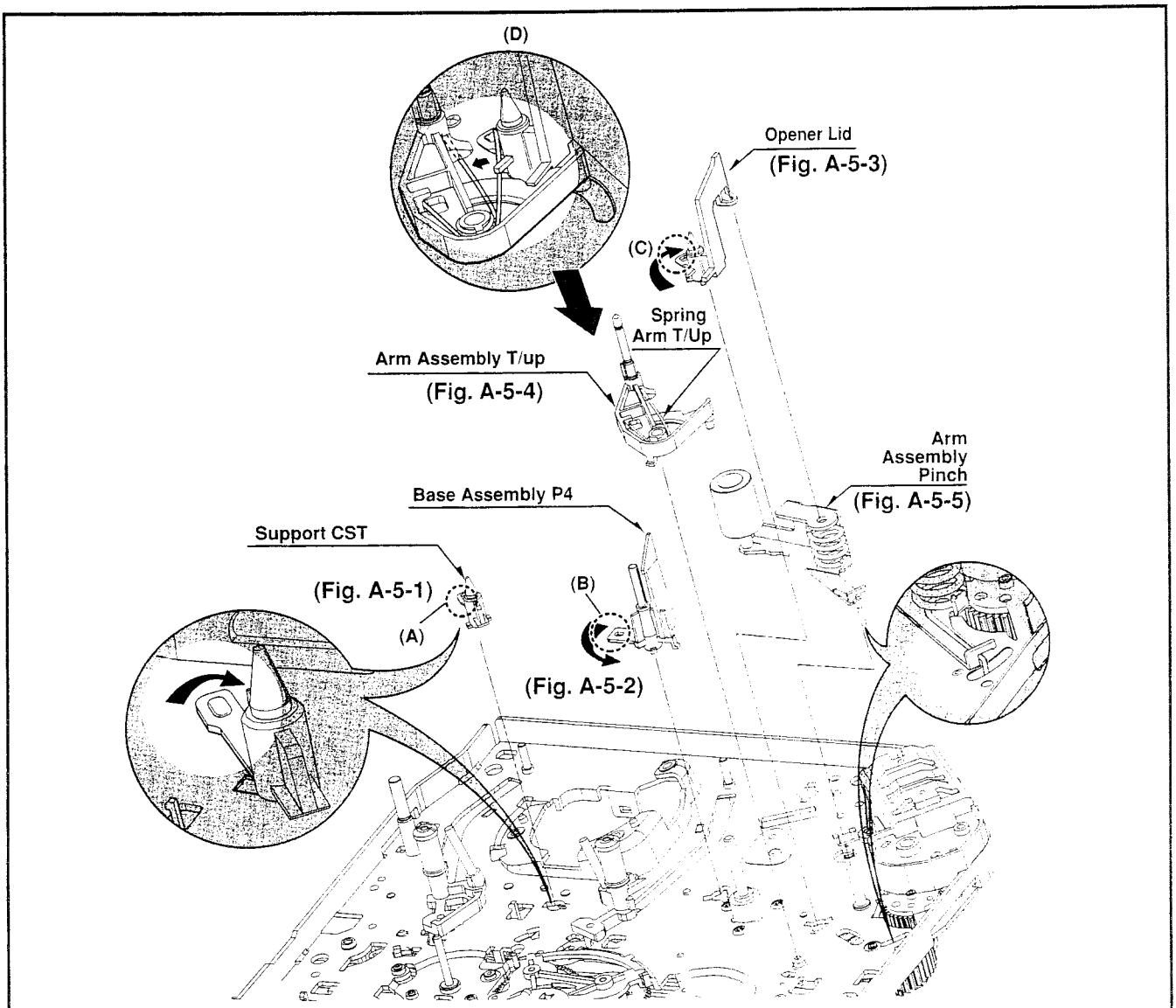



Fig. A-5

## 15. Support CST (Fig. A-5-1)

1) Break away the (A) part shown above Fig. A-5-1 from the Embossing of the Chassis in the clockwise direction, and lift up the Support CST.

## 16. Base Assembly P4 (Fig. A-5-2)

1) Break away the (B) part shown above Fig. A-5-2 from the Embossing of the Chassis in the counterclockwise direction and lift up the Base Assembly P4.

## 17. Opener Lid (Fig. A-5-3)

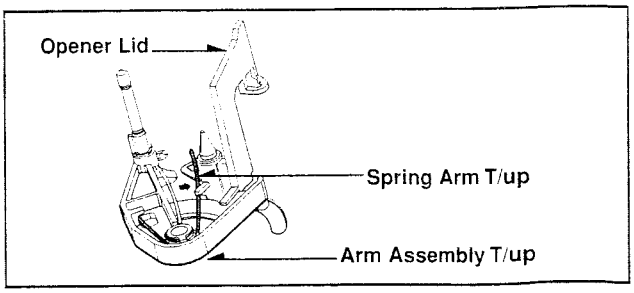
1) Hook the Spring Arm T/up on the Split digged under the Arm Assembly T/up.(Refer to Fig.A-5-4(D)).
2) Break away the (C) Part of the Opener Lid from the Embossing of the Chassis in the Clockwise direction and lift up the Opener Lid.

## 18. Arm Assembly T/up (Fig. A-5-4)

1) Confirm that the Spring Arm T/up is placed as above (No.17.1).
2) Lift up the Arm Assembly T/up.

**NOTE**

(1) When reassembling, unhook the Spring Arm T/up Shown above (No.17.1) to the original position.




## 19. Arm Assembly Pinch (Fig. A-5-5)

1) Lift up the Arm Assembly Pinch.

# DECK MECHANISM DISASSEMBLY

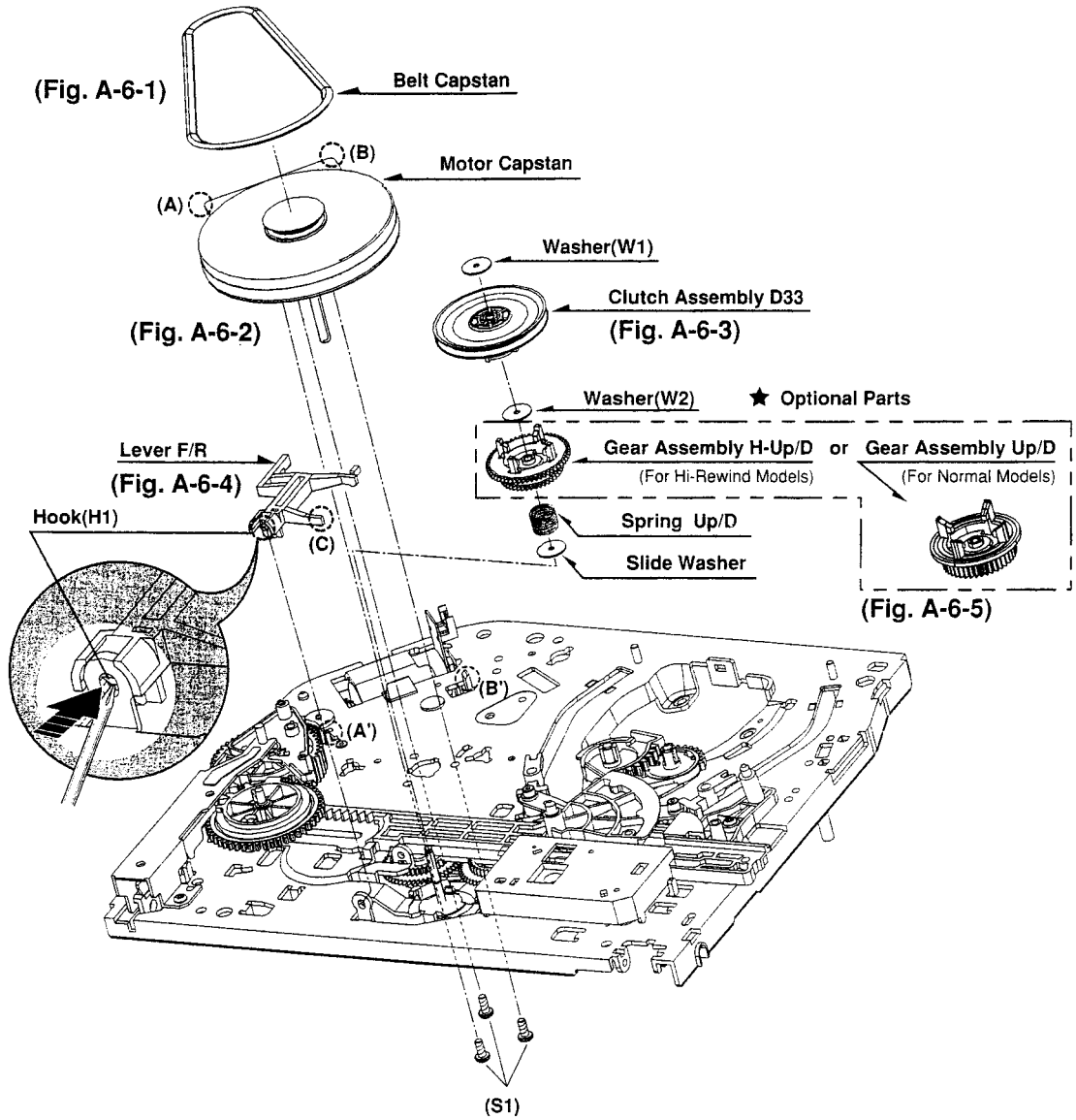



Fig. A-6

## 20. Belt Capstan (Fig. A-6-1)/ Motor Capstan (Fig. A-6-2)

1) Remove the Belt Capstan.
2) Remove three Screws(S1) on the back side of the Chassis and lift up the Motor Capstan.

**NOTE**

(1) When reassembling, Confirm the (A), (B) parts of Motor Capstan is located to the (A'), (B') of the Chassis.

## 21. Clutch Assembly D33 (Fig. A-6-3)

1) Remove the Washer(W1) and lift up the Clutch Assembly D33.

## 22. Lever F/R (Fig. A-6-4)

1) Unhook the (H1) shown above Fig. A-6-4 and lift up the Lever F/R.

**NOTE**

(1) When reassembling, move the (C) part of the Lever F/R up and down, then confirm if it is returned to original position.

## 23. Gear Assembly H-Up/D or Gear Assembly Up/D (Fig. A-6-5)

1) Remove the Washer(W2) and lift up the Gear Assembly H-up/D.
2) Remove the Spring Up/D.
3) Remove the Slide Washer.

**NOTE**

(1) Gear Assembly H-Up/D is for Hi-Rewind Models.
(2) Gear Assembly Up/D is for Normal Models except Hi-Rewind Models.

# DECK MECHANISM DISASSEMBLY

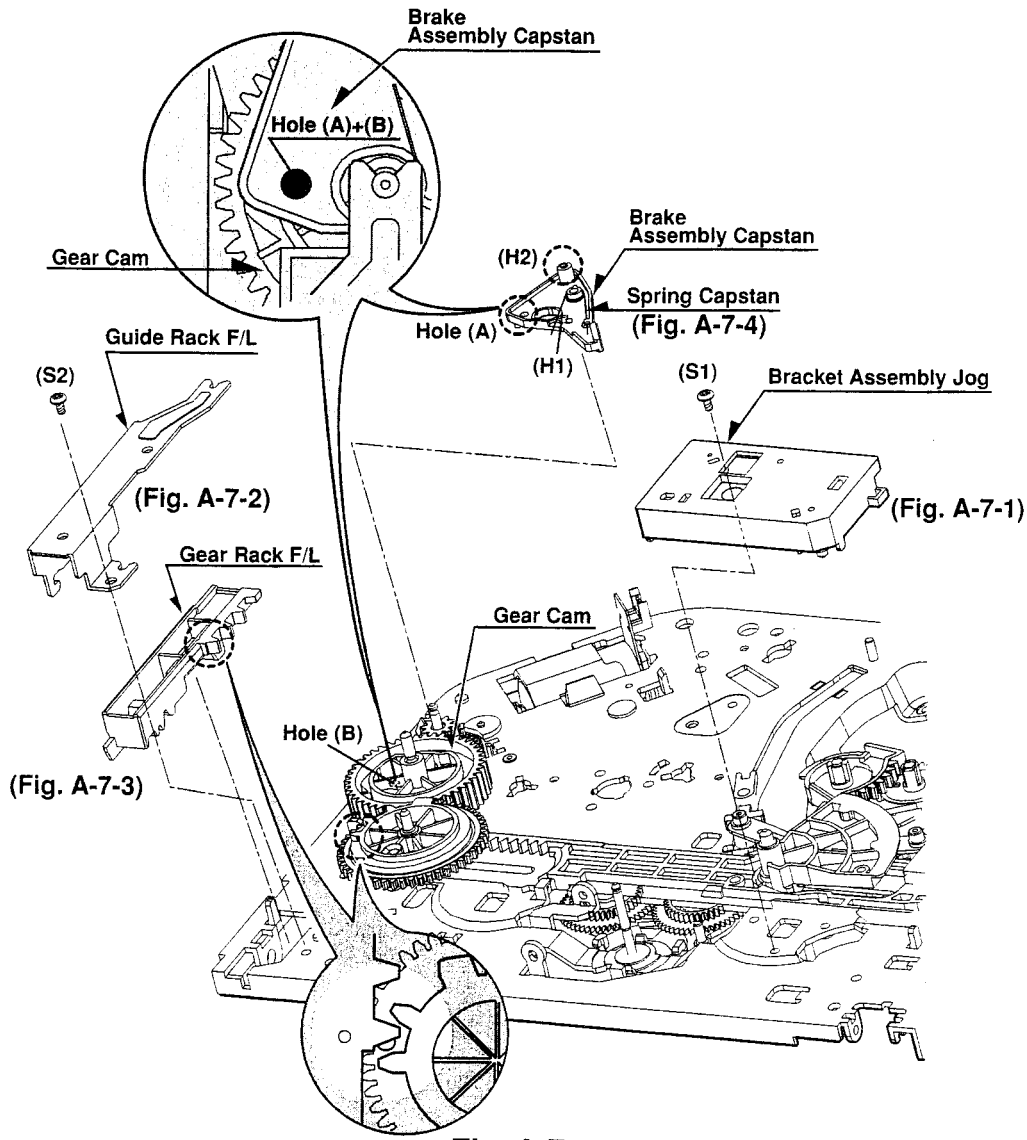



Fig. A-7

## 24. Bracket Assembly Jog (Fig. A-7-1)

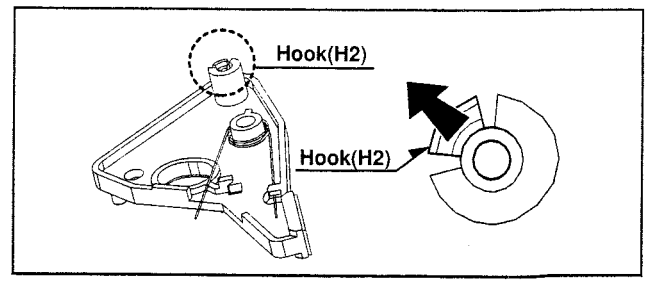
1) Remove the Screw(S1) and lift up the Bracket Assembly Jog.

## 25. Guide Rack F/L (Fig. A-7-2)/ Gear Rack F/L (Fig. A-7-3)

1) Remove the Screw(S2) and lift up the Guide Rack F/L.
2) Lift up the Gear Rack F/L.

## 26. Brake Assembly Capstan (Fig. A-7-4)

1) Hook the Spring Capstan on the Hook(H1).
2) Unhook the Hook(H2) and lift up the Brake Assembly Capstan.(Refer to Fig. to the right)




**NOTE**

(1) When reassembling, confirm that the Hole(A) of the Brake Assembly Capstan is aligned to the Hole(B) of the Gear Cam.
(Refer to above Fig. A-7-4).

# DECK MECHANISM DISASSEMBLY

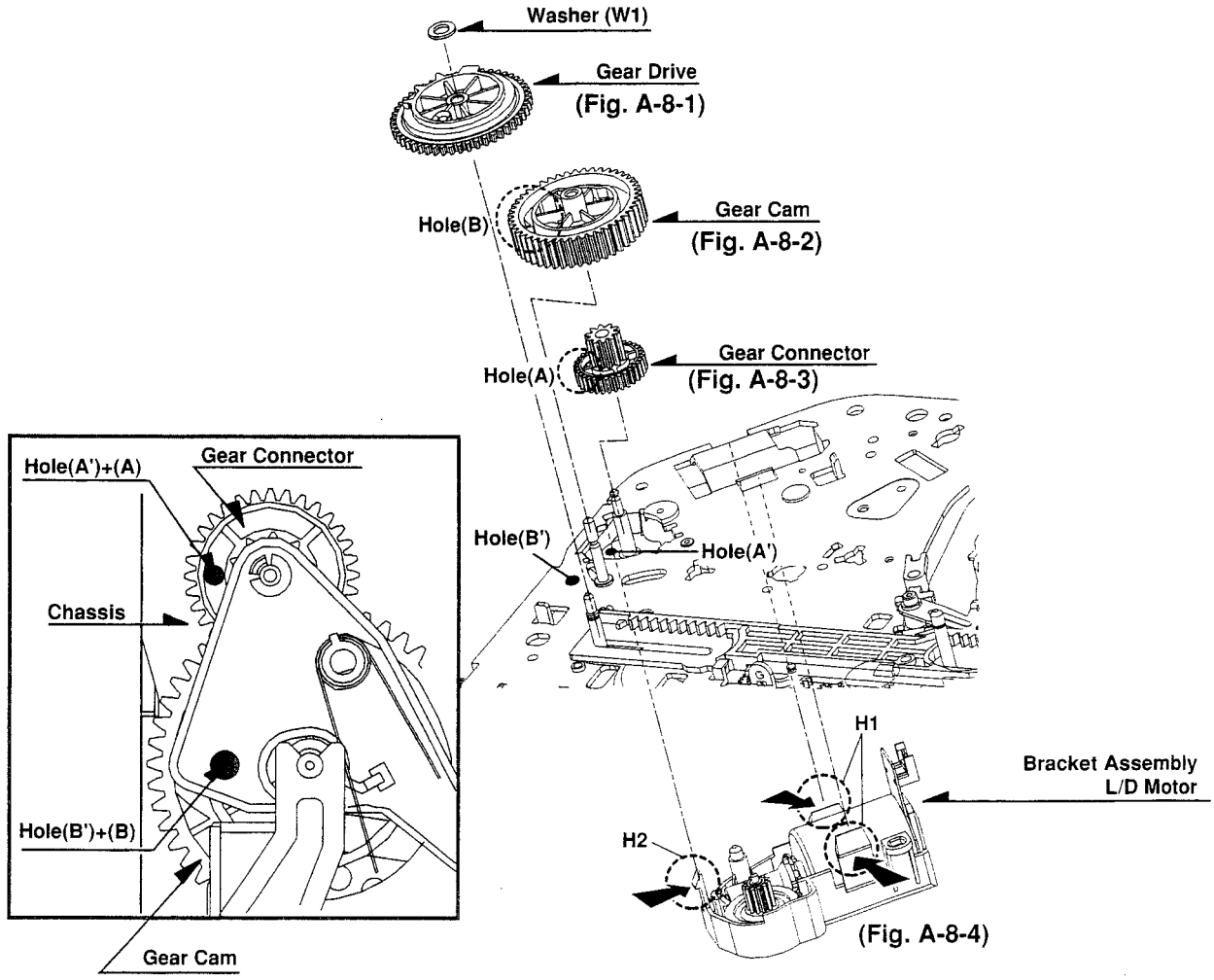



Fig. A-8

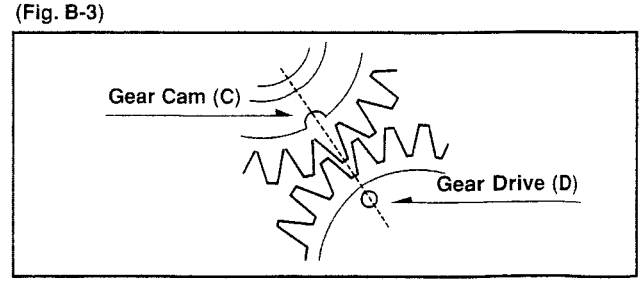
## 27. Gear Drive (Fig. A-8-1)/ Gear Cam (Fig. A-8-2)/ Gear Connector (Fig. A-8-3)

1) Remove the Washer(W1) and lift up the Gear Drive.
2) Lift up the Gear Cam.
3) Lift up the Gear Connector.

**NOTE**

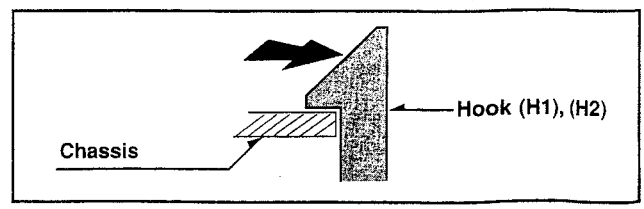
(1) When reassembling, confirm that the Hole (A) of the Gear Connector is aligned to the Hole (A') of the Chassis (Fig. A-8-3).
(2) When reassembling, confirm that the Hole (B) of the Gear Cam is aligned to the Hole (B') of the Chassis (Fig. A-8-2).
(3) When reassembling, confirm that the (C) part of the Gear Cam is aligned to the (D) part of the Gear Drive as shown Fig. B-3

(Fig. B-3)




## 28. Bracket Assembly L/D Motor (Fig. A-8-4)

1) Unhook the three Hooks(H1),(H2) and push down the Bracket Assembly L/D Motor.



# DECK MECHANISM DISASSEMBLY

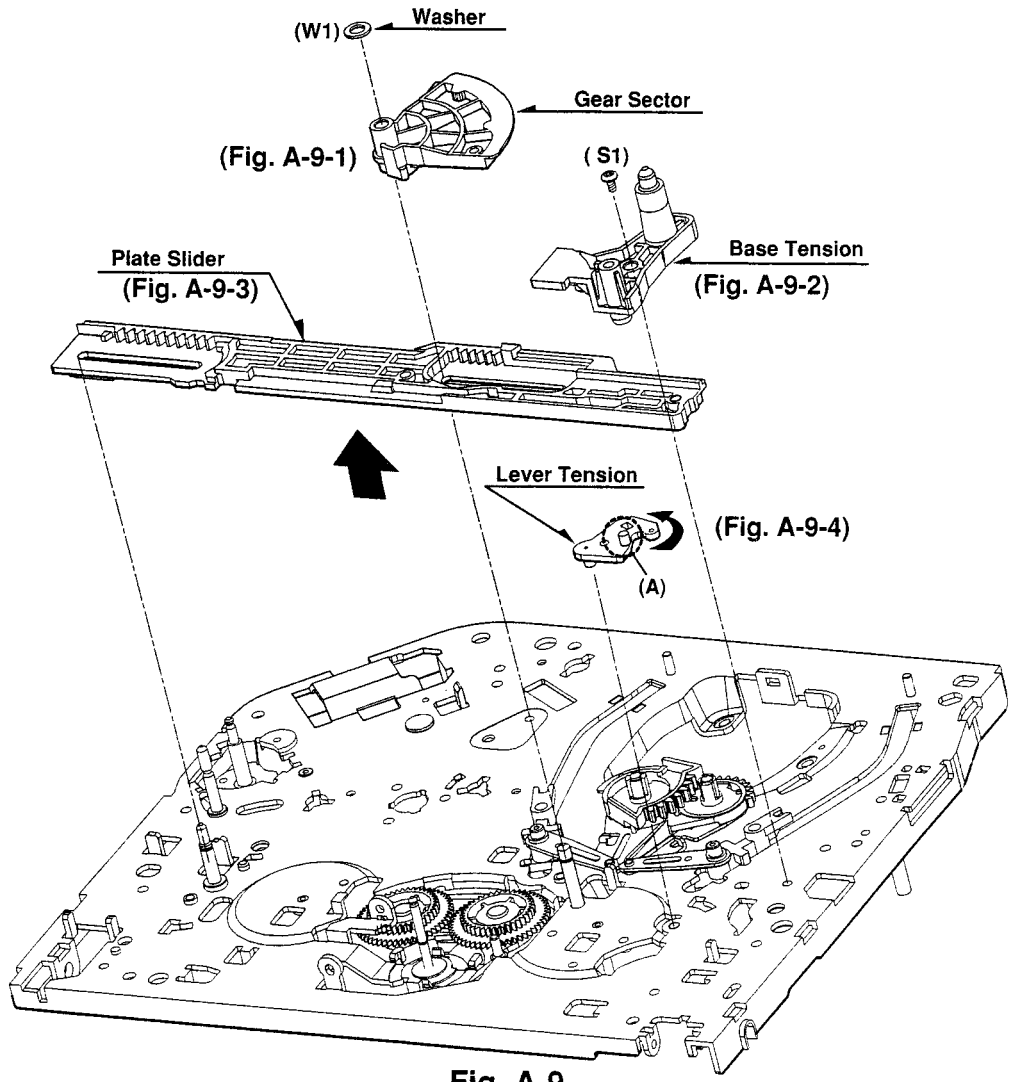



Fig. A-9

## 29. Gear Sector (Fig. A-9-1)

1) Remove the Washer(W1) and lift up the Gear Sector.

## 30. Base Tension (Fig. A-9-2)/ Plate Slider (Fig. A-9-3)/ Lever Tension (Fig. A-9-4)

1) Remove the Screw(S1) and lift up the Base Tension.
2) Lift up the Plate Slider.
3) Hold the (A) Part of the Lever Tension and turn to the counterclockwise direction, and then lift up the Lever Tension.

**NOTE**

(1) When reassembling, turn the Lever Tension to the clockwise direction in maximum.

# DECK MECHANISM DISASSEMBLY

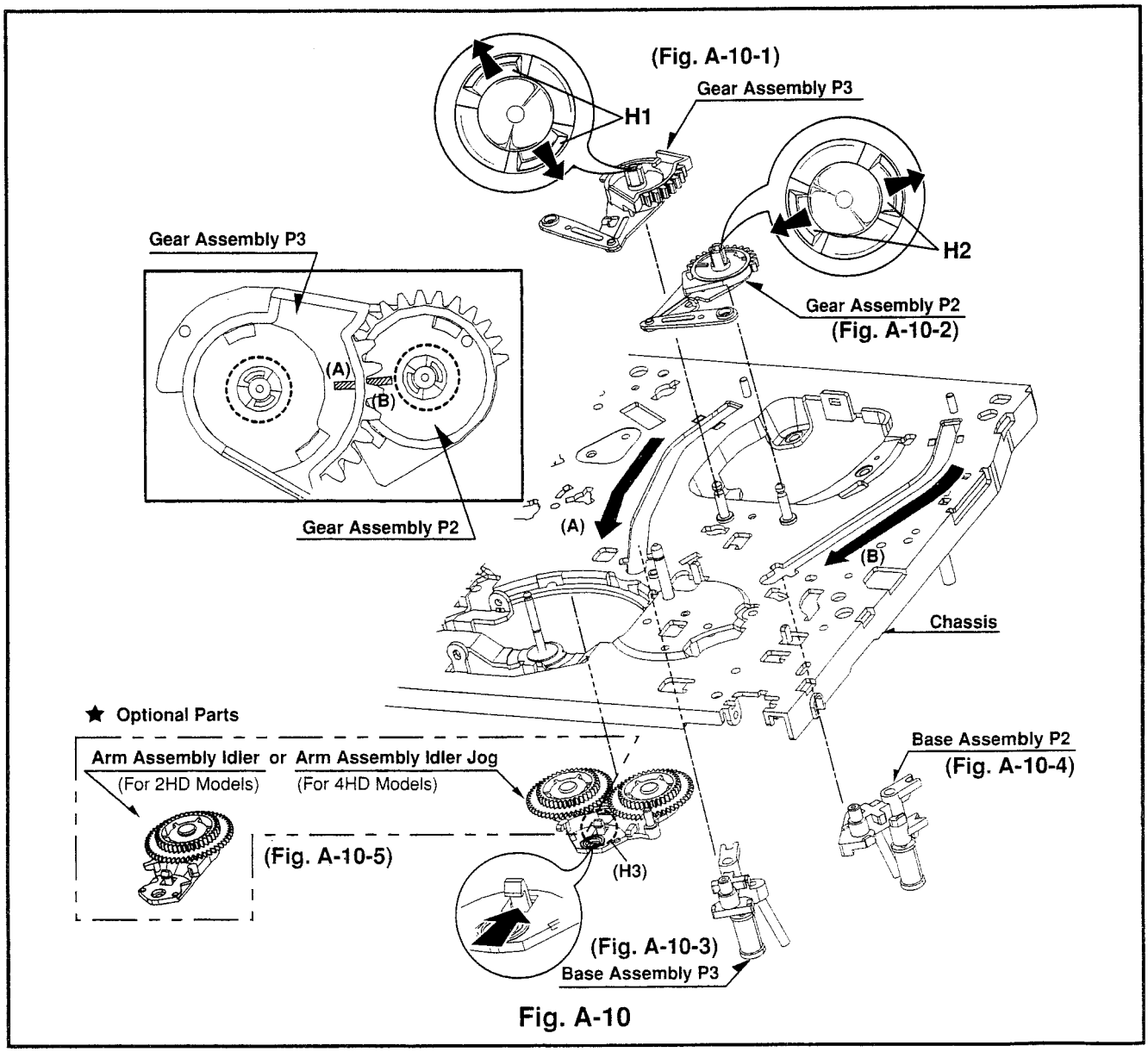



Fig. A-10

## 31. Gear Assembly P3 (Fig. A-10-1)/ Gear Assembly P2 (Fig. A-10-2)

1) Unhook the two Hooks(H1) and lift up the Gear Assembly P3.
2) Unhook the two Hooks(H2) and lift up the Gear Assembly P2.

## 32. Base Assembly P3 (Fig. A-10-3)/ Base Assembly P2 (Fig. A-10-4)

1) Move the Base Assembly P3 in the direction of the arrow of the Chassis Hole(A) and push down the Base Assembly P3.
2) Move the Base Assembly P2 in the direction of the arrow of the Chassis Hole(B) and push down the Base Assembly P2.

## 33. Arm Assembly Idler Jog or Arm Assembly Idler (Fig. A-10-5)

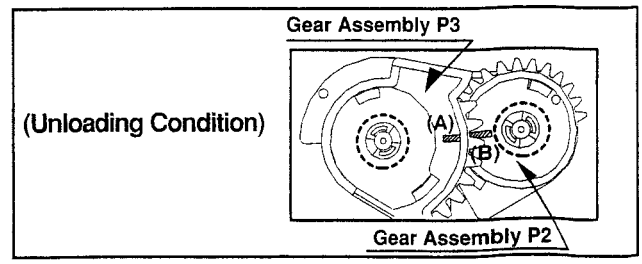
1) Unhook the Hook(H3) and push down the Arm Assembly Idler Jog.

**NOTE**

1) Arm Assembly Idler Jog is for 4HD Models.
2) Arm Assembly Idler is for 2HD Models.

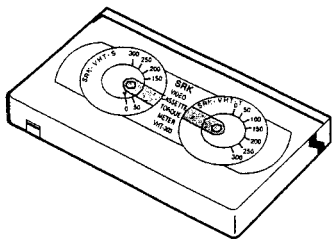
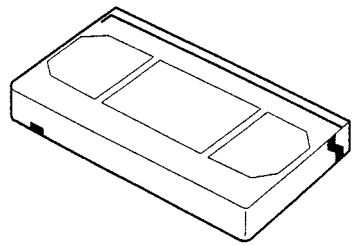
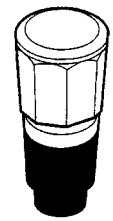
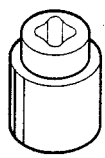
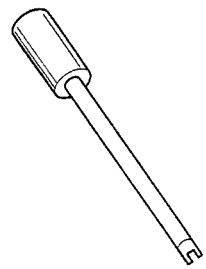
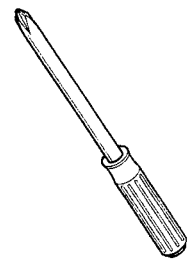
**NOTE**

1) When reassembling, confirm that the (A) Part of the Gear Assembly P3 is aligned to the (B) Part of the Gear Assembly P2 as shown below.



# DECK MECHANISM ADJUSTMENT

## • Tools and Fixfures for Service

| | | |
|---|---|---|
| 1. Cassette Torque meter<br>SRK-VHT-303(Not SVC part)<br>Parts No: D00-D006<br>  | 2. Alignment tape<br>Parts No NTSC: DTN-001<br>PAL:DTN-0002<br>  | 3. Torque gauge<br>600g.Cm ATG<br>Parts No:D00-D002<br>  |
| 4. Torque gauge adaptor<br>Parts No:D09-R001<br>  | 5. Post height adjusting driver<br>Parts No:DTL-0005<br>  | 6. + Type driver (ø 5)<br>  |

# DECK MECHANISM ADJUSTMENT

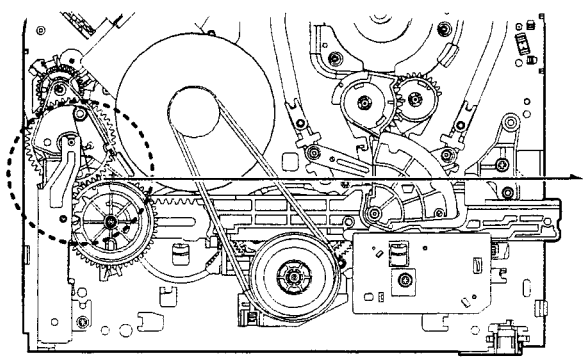
## 1.Mechanism Alignment Position Check

**Purpose:To determine if the Mechanism is in the correct position, when a Tape is ejected.**

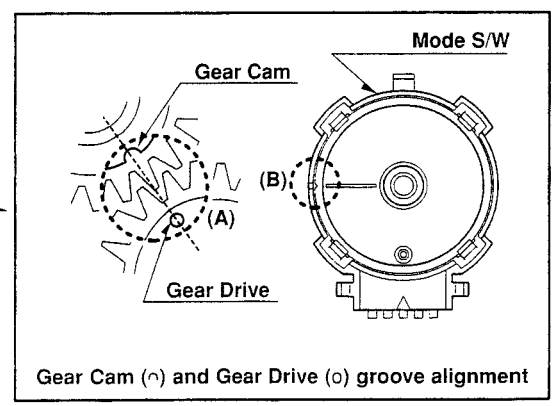
| Test Equipment/ Fixture | Test Conditions (Mechanism Condition) | Check Point |
|---|---|---|
| • Blank tape | • Eject Mode (with Cassette ejected) | • Mechanism and Mode Switch Position |

1) Turn the Power S/W on and eject the Cassette by pressing the Eject Button.
2) Remove the Top Cover and Plate Assembly Top, visually check if the Gear Cam Hole is aligned with the Chassis Hole as below Fig. C-2.
3) IF not, rotate the Shaft of the Loading Motor to either Clockwise or Counterclockwise until the Alignment is as below Fig. C-2.
4) Remove the Screw which fixes the Deck Mechanism and Main Frame and confirm if the Gear Cam is aligned with the Gear Drive as below Fig. C-1(A).
5) Confirm if the Mode S/W on the Main P.C.Board is aligned as below Fig. C-1(B).
6) Remount the Deck Mechanism on the Main P.C.Board and check each operation.

**CHECK DIAGRAM**

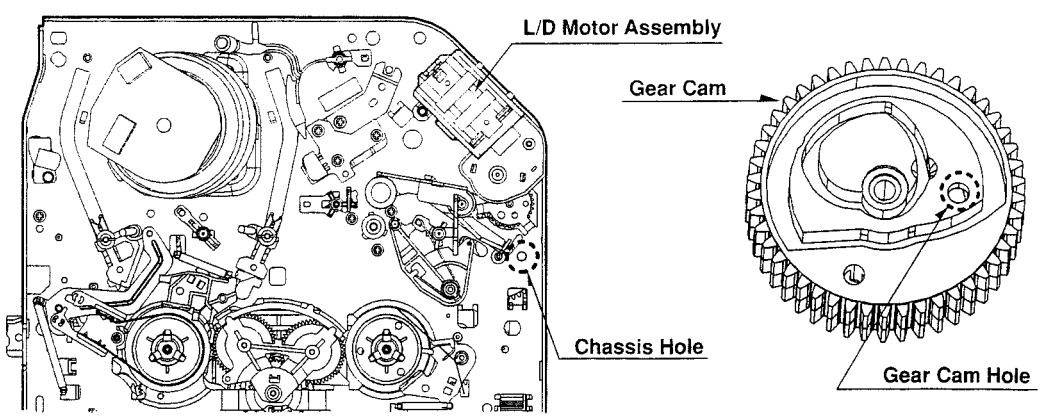


BOTTOM VIEW




Gear Cam (∩) and Gear Drive (o) groove alignment

Fig. C-1




TOP VIEW

Fig. C-2

# DECK MECHANISM ADJUSTMENT

## 2. Preparation for Adjustment (To set the Deck Mechanism to the Loading state without inserting a Cassette Tape).

1) Unplug the Power Cord from the AC Outlet.
2) Disassemble the Top Cover and Plate Assembly Top.
3) Plug the Power Cord into the AC Outlet.
4) Turn the Power S/W on and push the Lever Stopper (L),(R) of the Holder Assembly CST to the back for Loading the Cassette without Tape.
Cover the Holes of the End Sensors at the both sides of the Bracket Side(L) and Bracket Assembly Door to prevent a light leak.
Then The Deck Mechanism drives to the Stop Mode.
In this case, The Deck Mechanism can accept inputs of each mode, however the Rewind and Review Operation can not be performed for more than a few seconds because the Take-up Reel Table is in the Stop State and can not be detected the Reel Pulses.

## 3. Checking Torque

**Purpose: To insure smooth Transport of the Tape during each Mode of Operation. If the Tape Transport is abnormal, then check the Torque as indicated by the chart below.**

| Test Equipment/ Fixture | Test Conditions (Mechanism Condition) | Checking Method |
|---|---|---|
| • Torque Gauge(600g/cm ATG)<br>• Torque Gauge Adaptor<br>• Cassette Torque Meter SRK-VHT-303 | • Play (FF) or Review (REW) Mode | • Perform each Deck Mechanism Mode without inserting a Cassette Tape(Refer to above No.2 Preparation for Adjustment).<br>• Read the Measurement of the Take-up or Supply Reels on the Cassette Torque Meter(Fig. C-3-2).<br>• Attach the Torque Gauge Adaptor to the Torque Gauge and then read the Value of it(Fig. C-3-1). |

| Item | Mode | Test Equipment | Measurement Reel | Measurement Values |
|---|---|---|---|---|
| Fast Forward Torque | Fast Forward | Cassette Torque Gauge | Take-Up Reel | More than 400g/cm |
| Rewind Torque | Rewind | Cassette Torque Gauge | Supply Reel | More than 400g/cm |
| Play Take-Up Torque | Play | Cassette Torque Meter | Take-Up Reel | 75~115g/cm |
| Review Torque | Review | Cassette Torque Meter | Supply Reel | 130~200g/m |

**NOTE:**

The Values are measured by using a Torque Gauge and Torque Gauge Adaptor with the Torque Gauge affixed.

**• Cassette Torque Meter (SRK-VHT-303)**

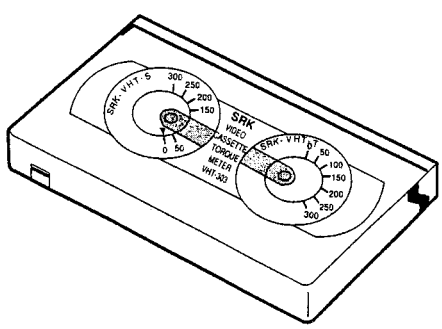


Fig. C-3-2

**NOTE:**

The Torque reading to measure occurs when the Tape abruptly changes direction from Fast Forward of Rewind Mode, when quick bracking is applied to both Reels.

**• Torque Gauge (600g.cm ATG)**

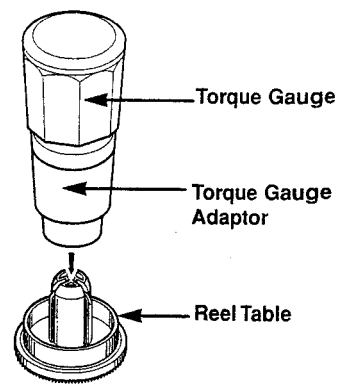



Fig. C-3-1

# DECK MECHANISM ADJUSTMENT

## 4.Guide Roller Height Adjustment

**Purpose: To regulate the Height of the Tape so that the Bottom of the Tape runs along the Tape Guide Line on the Lower Drum.**

### 4-1. Preliminary Adjustment

| Test Equipment/ Fixture | Test Conditions (Mechanism Condition) | Adjustment Point |
|---|---|---|
| • Post Height Adjusting Driver | • Play or Review Mode | • Guide Roller Height Adjustment screws on the Supply and Take-Up Guide Rollers. |

**Adjustment Procedure**

1) Confirm if the Tape runs along the Tape Guide Line of the Lower Drum.
2) If the Tape runs the Bottom of the Guide Line, turn the Guide Roller Height Adjustment Screw to Clockwise direction.
3) If it runs the Top, turn to Counterclockwise direction.
4) Adjust the Height of the Guide Roller to be guided to the Guide Line of the Lower Drum from the Starting and Ending Point of the Drum.

**ADJUSTMENT DIAGRAM**

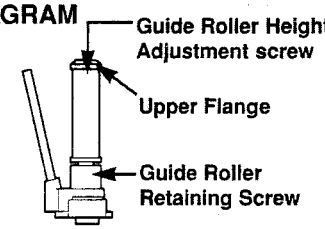



Fig. C-4-1

### 4-2. Precise Adjustment

| Test Equipment/Fixture | Test Equipment Connection Points | Test Conditions VCR(VCP) State | Adjustment Point |
|---|---|---|---|
| • Oscilloscope<br>• Alignment Tape<br>• Post Height Adjusting Driver | • CH-1:PB RF Envelope<br>• CH-2:NTSC: SW 30Hz<br>PAL: SW 25Hz<br>• Head Switching Output Point<br>• RF Envelope Output Point | • Play an Alignment Tape | • Guide Roller Height Adjustment Screws |

**Adjustment Procedure**

1) Play an Alignment Tape after connecting the Probe of the Oscilloscope to the RF Envelope Output Test Point and Head Switching Output Test Point.
2) Tracking Control(in PB Mode) : Center Position(When this Adjustment is performed after the Drum Assembly has been replaced, set the Tracking Control so that the RF Output is Maximum).
3) Height Adjustment Screw : Flatten the RF Waveform. (Fig. C-4-2)
4) Turn(Move) the Tracking Control(in PB Mode) Clockwise and Counterclockwise.(Fig. C-4-3)
5) Check that any Drop of RF Output is uniform at the Start and End of the Waveform.

**NOTE**

If the adjustment is excessive or insufficient the tape will jam or fold.

**Waveform Diagrams**

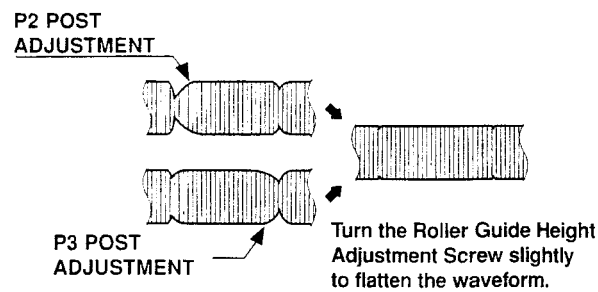



Fig. C-4-2

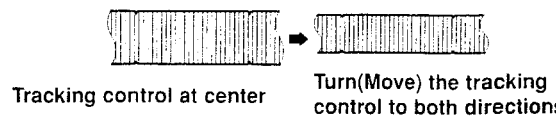
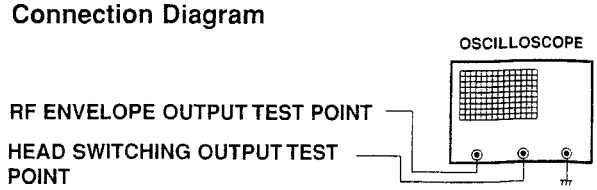



Fig. C-4-3

**Connection Diagram**



# DECK MECHANISM ADJUSTMENT

## 5. Audio/Control (A/C) Head Adjustment

**Purpose: To insure that the Tape passes accurately over the Audio and Control Tracks in exact Alignment in both the Record and Playback Modes.**

### 5-1. Preliminary Adjustment (Height and Tilt Adjustment)

**Perform the Preliminary Adjustment, when there is no Audio Output Signal with the Alignment Tape.**

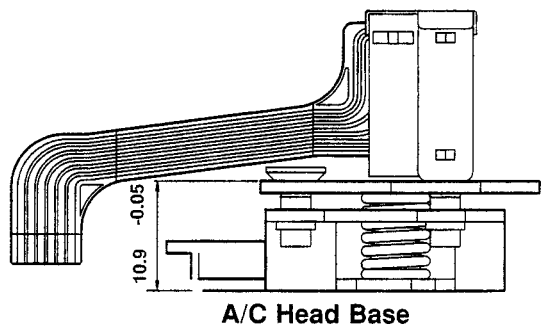
| Test Equipment/ Fixture | Test Conditions (Mechanism Condition) | Adjustment Point |
|---|---|---|
| • Blank Tape<br>• Screw Driver(+) Type 5mm | • Play the blank tape | • Tilt Adjustment Screw(C)<br>• Height Adjustment Screw(B)<br>• Azimuth Adjustment Screw(A) |

**Adjustment Procedure/Diagrams**

1) Initially adjust the Base Assembly A/C Head as shown Fig. C-5-1 by using the Height Adjustment Screw(B).
2) Play a Blank Tape and observe if the Tape passes accurately over the A/C Head without Tape Curling or Folding.
3) If Folding or Curling is occured then adjust the Tilt Adjustment Screw(C) while the Tape is running to resemble Fig. C-5-3.
4) Reconfirm the Tape Path after Playback about 4~5 seconds.

**NOTE**

Ideal A/C head height occurs, when the tape runs between 0.2~0.25mm above the bottom edge of the A/C head core.




A/C Head Base

Fig. C-5-1

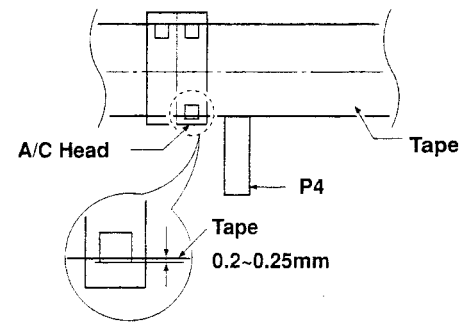
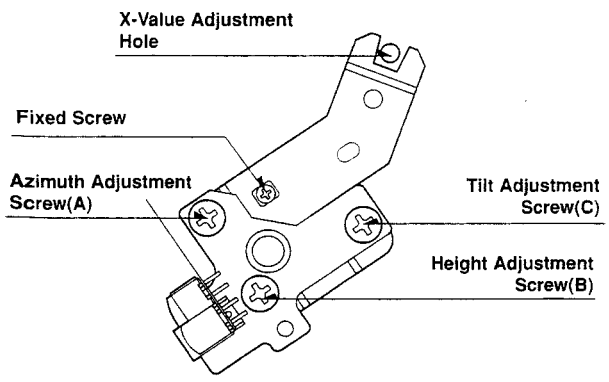



Fig. C-5-3




A/C Head Assembly

Fig. C-5-2

# DECK MECHANISM ADJUSTMENT

**5-2. Confirm that the Tape passes smoothly between the Take-up Guide and Pinch Roller(using a Mirror or the naked eye).**

1) Afetr completing Step 5-1.(Preliminary Adjustment), check that the Tape passes around the Take-up Guide and Pinch Roller without Folding or Curling at the Top or Bottom.
   (1) If Folding or Curling is observed at the Bottom of the Take-up Guide then slowly turn the Tilt Adjustment Screw(C) in the Clockwise directioin.
   (2) If Folding or Curling is observed at the Top of it then slowly turn the Tilt Adjustment Screw(C) in the Counterclockwise direction.

**NOTE:**

Check the RF Envelope after adjusting the A/C Head, if the RF Waveform differs from Fig. C-5-4, performs Precise Adjustment to flat the RF Waveform.

**5-3. Precise Adjustment (Azimuth adjustment)**

| Test Equipment/ Fixture | Connection Point | Test Conditions (Mechanism Condition) | Adjustment Point |
|---|---|---|---|
| • Oscilloscope<br>• Alignment Tape(SP)<br>• Screw Driver(+) Type 5mm | • Audio output jack | • Play an Alignment Tape 1KHz, 7KHz Sections | • Azimuth Adjustment Screw(A)<br>• Height Adjustment Screw(B) |

**Adjustment Procedure**

1) Connect the Probe of the Oscilloscope to Audio Output Jack.
2) Alternately adjust the Azimuth Adjustment Screw(A) and the Tilt Adjustment Screw(C) for Maximum Output of the 1Khz and 7Khz segments, while maintaining the flattest Envelope differential between the two Frequencies.

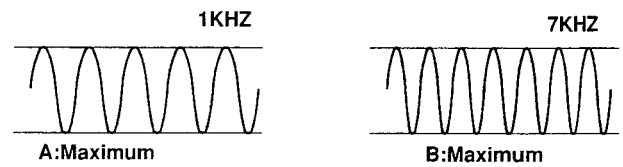
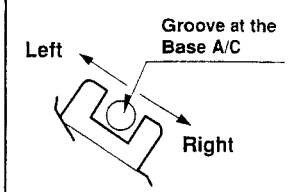



Fig. C-5-4

## 6. X-Value Adjustment

**Purpose: To obtain compatibility with other VCR(VCP) Models.**

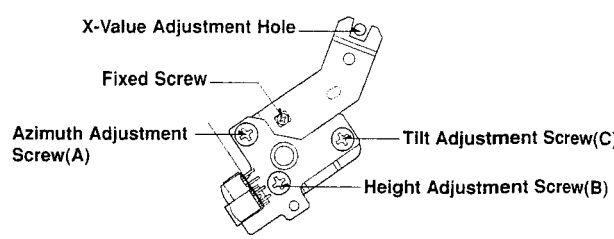
| Test Equipment/ Fixture | Connection Point | Test Conditions (Mechanism Condition) | Adjustment Point |
|---|---|---|---|
| • Oscilloscope<br>• Alignment tape(SP only)<br>• Screw Driver(+) Type 5mm | • CH-1: PB RF Envelope<br>• CH-2: NTSC: SW 30Hz<br>PAL: SW 25Hz<br>• Head Swithching Output Test Point<br>• RF Envelope Output Test Point | • Play an Alignment Tape |  |



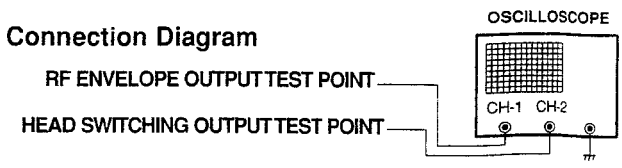
**Adjustment Procedure**

1) Release the Automatic Tracking to run long enough for Tracking to complete it's Cycle.
2) Loosen the Fixed Mounting Screw and move the Base Assembly A/C Head in the direction as shown in the Diagram to find the center of the peak that allows for the maximum Waveform Envelope.
   This method should allow the 31um Head to be centrally located over the 58um Tape Track.
3) Tighten the Base Assembly A/C Head mounting Screw.

**Adjustment Diagram**




**Connection Diagram**



# DECK MECHANISM ADJUSTMENT

## 7. Adjustment after Replacing Drum Assembly (Video Heads)

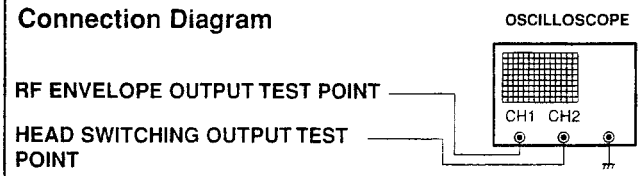
**Purpose: To correct for shift in the Roller Guide and X value after replacing the Drum.**

| Test Equipment/ Fixture | Connection Point | Test Conditions (Mechanism Condition) | Adjustment Points |
|---|---|---|---|
| • Oscilloscope<br>• Alignment tapes<br>• Blank Tape<br>• Post Height Adjusting Driver<br>• Screw Driver(+) Type 5mm | • CH-1: PB RF Envelope<br>• CH-2: NTSC: SW 30Hz<br>PAL: SW 25Hz<br>• Head Swithching Output Test Point<br>• RF Envelope Output Test Point | • Play the blank tape<br>• Play an alignment tape | • Guide Roller Precise Adjustment<br>• Switching Point<br>• Tracking Preset<br>• X-Value |

**Checking/Adjustment Procedure**

Play a blank tape and check for tape curling or creasing around the roller guide. If there is a problem then follow the procedure 4. "Guide Roller Height" and 5. "Audio Control(A/C) Head Adjustment".

**Connection Diagram**




**Waveform**

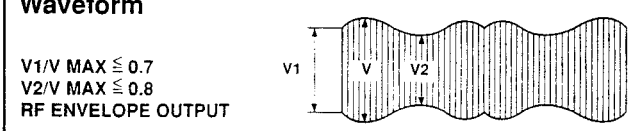



Fig. C-7

## 8. Check the Tape Travel after Reassembling Deck Assembly.

### 8-1.Check Audio and RF Locking Time during playback and after CUE or REV (FF/REW)

| Test Equipment/ Fixture | Specification | Connection Points | Test Conditions (Mecanism Condition) |
|---|---|---|---|
| • Oscilloscope<br>• Alignment tapes(with 6H 3kHz Color Bar Signal)<br>• Stop Watch | • RF Locking Time: Less than 5 sec.<br>• Audio Locking Time:Less than 10sec | • CH-1: PB RF Envelope<br>• CH-2: Audio Output<br>• RF Envelope Output Point<br>• Audio Ouptut Jack | • Play an alignment tape (with 6H 3kHz Color Bar Signal) |

**Checking Procedure**

Play an alignment tape then change the operating mode to CUE or REV and confirm if the unit meets the above listed specifications.

**NOTES:**

1) CUE is fast forward mode (FF)
2) REV is the rewind mode (REW)
3) Referenced to the Play mode

### 8-2.Check for tape curling or jamming

| Test Equipment/ Fixture | Specification | Test Conditions (Mecanism Condition) |
|---|---|---|
| • T-160 Tape<br>• T-120 Tape | • Be sure there is no tape jamming or curling at the begining, middle or end of the tape. | • Run the CUE, REV play mode at the beginning and the end of the tape. |

**Checking Procedure**

1) Confirm that the tape runs smoothly around the roller guides, drum and A/C head assemblies while abruptly changing operating modes from Play to CUE or REV. This is to be checked at the begining, middle and end sections of the cassette.
2) Confirm that the tape passes over the A/C head assembly as indicated by proper audio reproduction and proper tape counter performance.

# MAINTENANCE/INSPECTION PROCEDURE

## 1 Check before starting repairs

The following faults can be remedied by cleaning and oiling. Check the needed lubrication and the conditions of cleanliness in the unit.
Check with the customer to find out how often the unit is used, and then determine that the unit is ready for inspection and maintenance. Check the following parts.

| Phenomenon | Inspection | Replacement | |
|---|---|---|---|
| Color beats | Dirt on full-erase head | o | F/E Head |
| Poor S/N, no color | Dirt on video head | o | Video Head |
| Vertical or Horizontal jitter | Dirt on video head<br>Dirt on tape transport system | o | |
| Low volume, Sound distorted | Dirt on Audio/control head | o | A/C Head |
| Tape does not run. Tape is slack | Dirt on pinch roller | o | Pinch Roller<br>Belt Capston |
| In Review and Unloading (off mode), the Tape is rolled up loosely. | Clutch Ass'y S27 Torque reduced | o | Clutch Assembly D33 |
| | Cleaning Drum and transport system | Fig. C-9-3 | |

**NOTE**

If locations marked with **o** do not operate normally after cleaning, check for wear and replace.
See the EXPLODED VIEWS at the end of this manual as well as the above illustrations See the Greasing (Page 4-22) for the sections to be lubricated and greased.

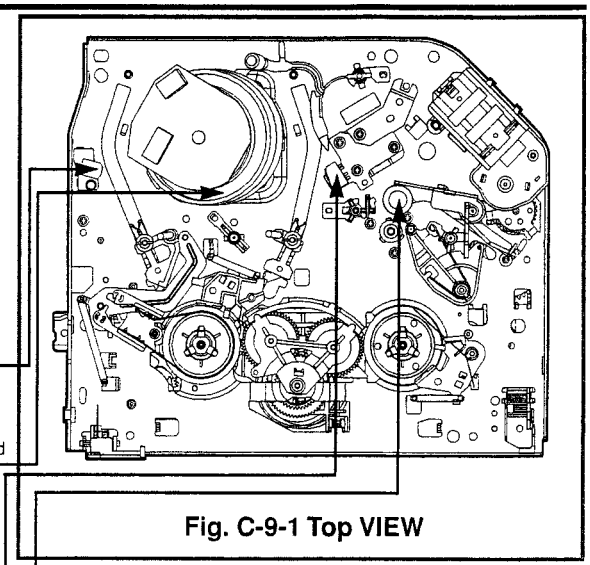


Fig. C-9-1 Top VIEW

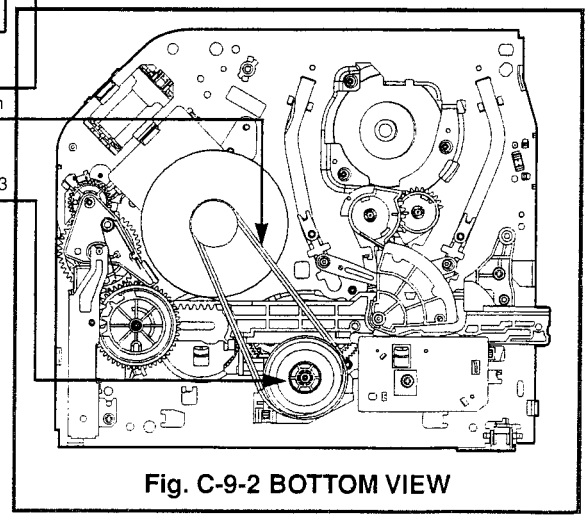


Fig. C-9-2 BOTTOM VIEW

*** No. (1)~(13) Indicates the Tape Path to be traveled from Supply Reel to Take-up Reel.**

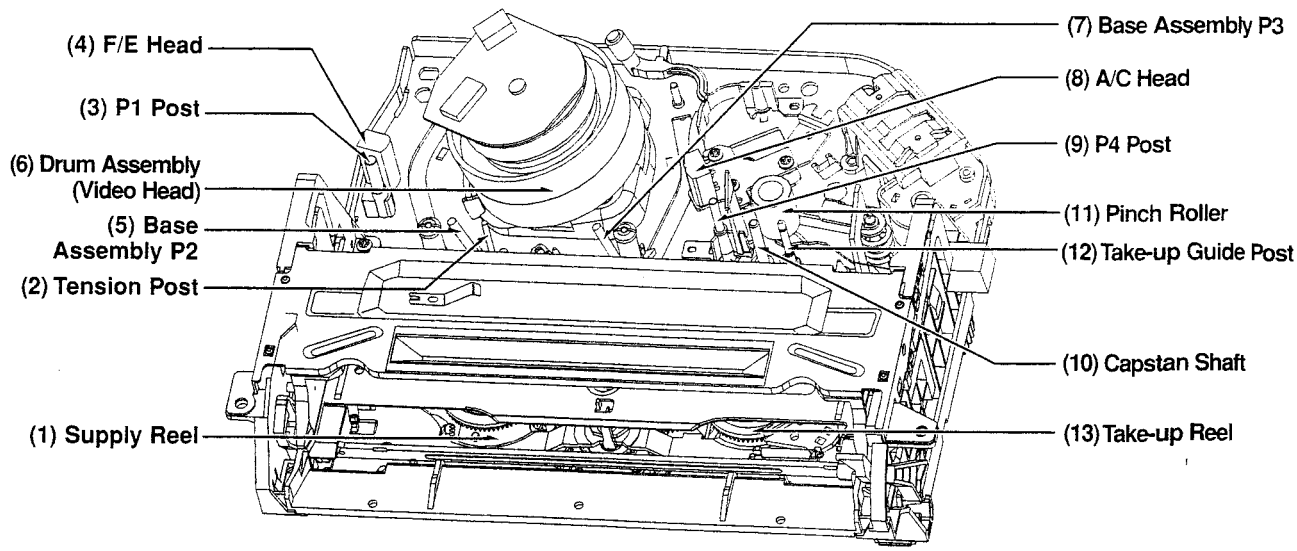



Fig. C-9-3 Tape Transport System

# MAINTENANCE/INSPECTION PROCEDURE

## 2. Required Maintenance

The recording density of a VCR(VCP) is much higher than that of an audio tape recorder. VCR(VCP) components must be very precise, at tolerances of 1/1000mm, to ensure compatiblity with other VCRs. If any of these components are worn or dirty, the symptoms will be the same as if the part is defective. To ensure a good picture, periodic inspection and maintenance, including replacement of worn out parts and lubrication, is necessary.

## 3. Scheduled Maintenance

Schedules for maintenance and inspection are not fixed because they vary greatly according to the way in which the customer uses the VCR(VCP), and the environment in which the VCR(VCP) is used.
But, in general home use, a good picture will be maintained if inspection and maintenance is made every 1,000 hours. The table below shows the relation between time used and inspection period.

Table 1

| When inspection is necessary / Average hours used per day | About 1 year | About 18 months | About 3 years |
|---|---|---|---|
| One hour | ■ | ■ | ■ |
| Two hours | ■ | ■ | |
| Three hours | ■ | | |

## 4. Supplies Required for Inspection and Maintence

(1) Grease : Kanto G-311G (Blue) or equivalent
(2) Isopropyl Alcohol or equivalent
(3) Cleaning Patches
(4) Grease : Kanto G-381(Yellow) : Used only for Reel S and Reel T

### 5) Maintenance Procedure

### 5-1) Cleaning

(1) Cleaning video head
First use a cleaning tape. If the dirt on the head is too stubborn to remove by tape, use the cleaning patch. Coat the cleaning patch with Isopropyl Alcohol. Touch the cleaning patch to the head tip and gently turn the head(rotating cylinder) right and left.
(Do not move the cleaning patch vertically. Make sure that only the buckskin on the cleaning patch comes into contact with the head. Otherwise, the head may be damaged.)
Thoroughly dry the head. Then run the test tape. If Isopropyl Alcohol remains on the video head, the tape may be damaged when it comes into contact with the head surface.
(2) Clean the tape transport system and drive system, etc, by wiping with a cleaning patch wetted with Isporopyl Alcohol.

**NOTES:**

① It is the tape transport system which comes into contact with the running tape. The drive system consists of those parts which moves the tape.
② Make sure that during cleaning you do not touch the tape transport system with the tip of a screw driver and no that force is that would cause deforming or damage applied to the system.

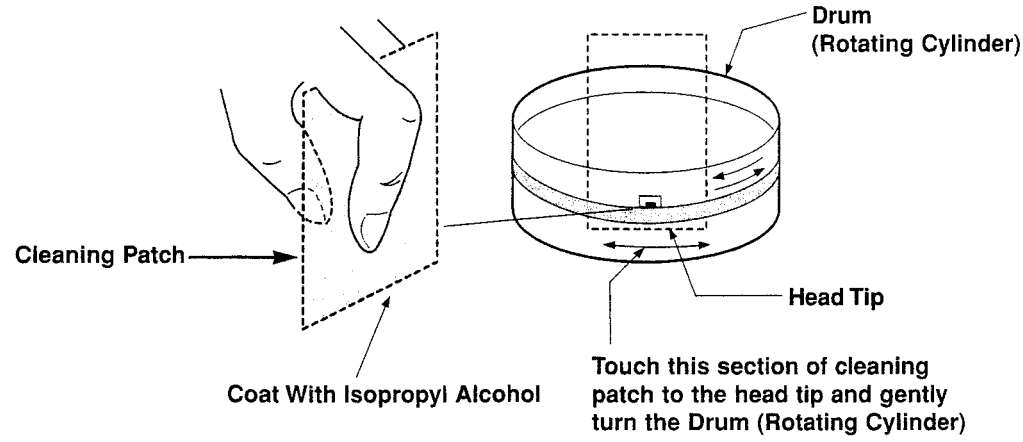

Drum
(Rotating Cylinder)
Cleaning Patch
Head Tip
Coat With Isopropyl Alcohol
Touch this section of cleaning patch to the head tip and gently turn the Drum (Rotating Cylinder)

Fig. C-9-4

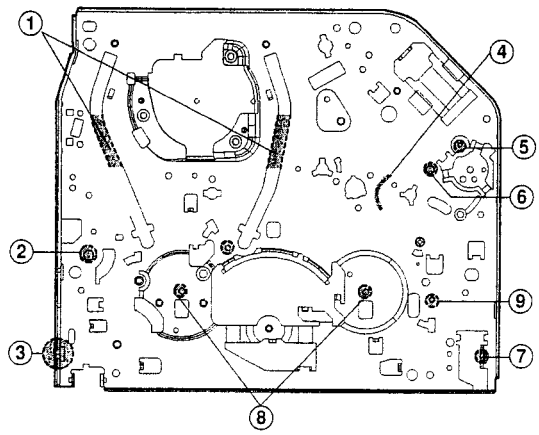
## 5-2) Greasing

(1) Greasing guidelines

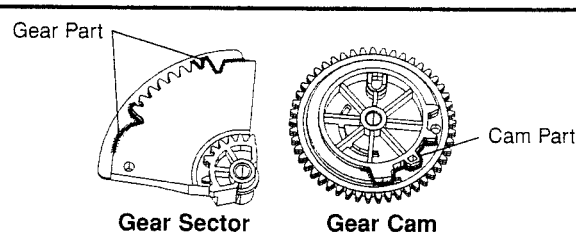
Apply grease, with a cleaning patch. Do not use excess grease. It may come into contact with the tape transport or drive system. Wipe any excess and clean with clean ing patch wetted in Isopropyl Alcohol.

**NOTE:Greasing Points**

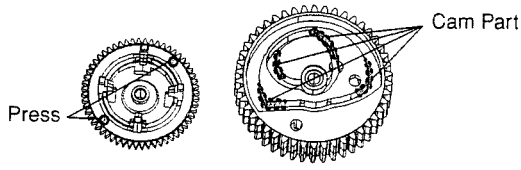
1) Loading Path Inside & Top side
2) Base Tension Boss inside Hole
3) Arm Assembly F/L "U" Groove
4) Arm Take-up Rubbing Section
5) L/D Motor Worm Wheel Part
6) Shaft
7) Arm Assembly F/L of Burning Inside Hole
8) Reel S, T Shaft (G381:Yellow)
9) Brake T Groove



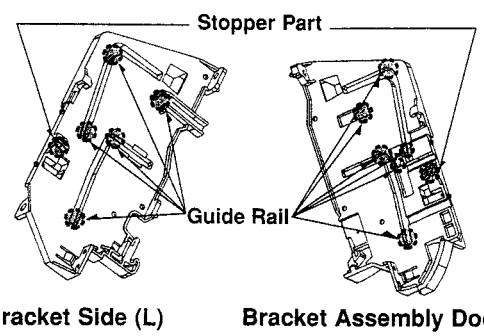

**Chassis (Top)**




**Gear Sector** **Gear Cam**




**Gear Assembly Up/D** **Gear Drive**

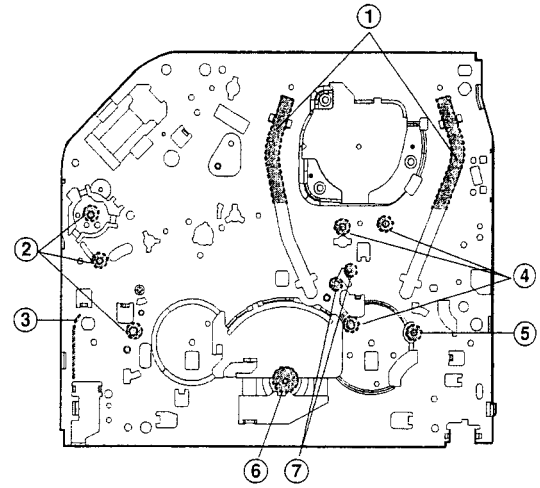



**Bracket Side (L)** **Bracket Assembly Door**

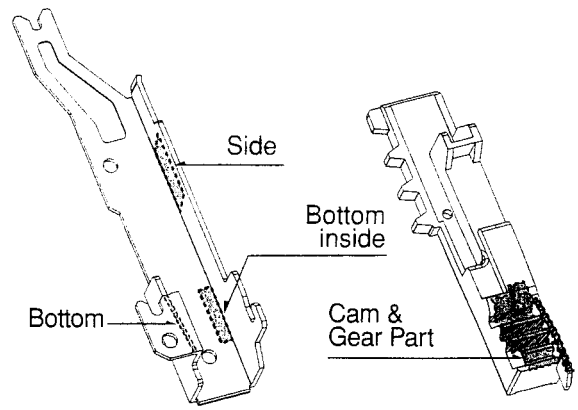
(2) Periodic greasing

Grease specified locations every 5,000 hours.

1) Loading Path Inside & Top side
2) Shaft
3) Gear Rack F/L Moving Section
4) Shaft
5) Lever Tension Groove
6) Clutch Assembly D33 Shaft
7) Brake "S" Rubbing Section




**Chassis (Bottom)**




**Guide Rack F/L** **Gear Rack F/L**

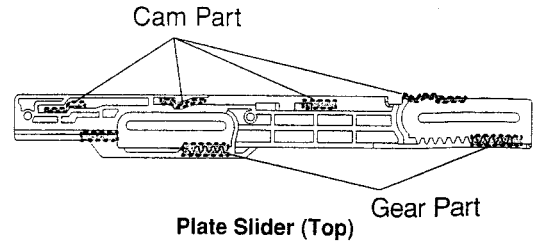



**Plate Slider (Top)**

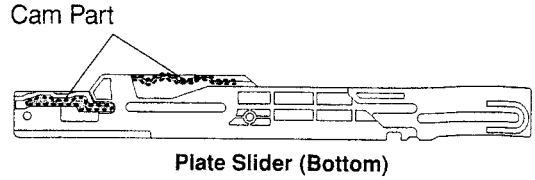
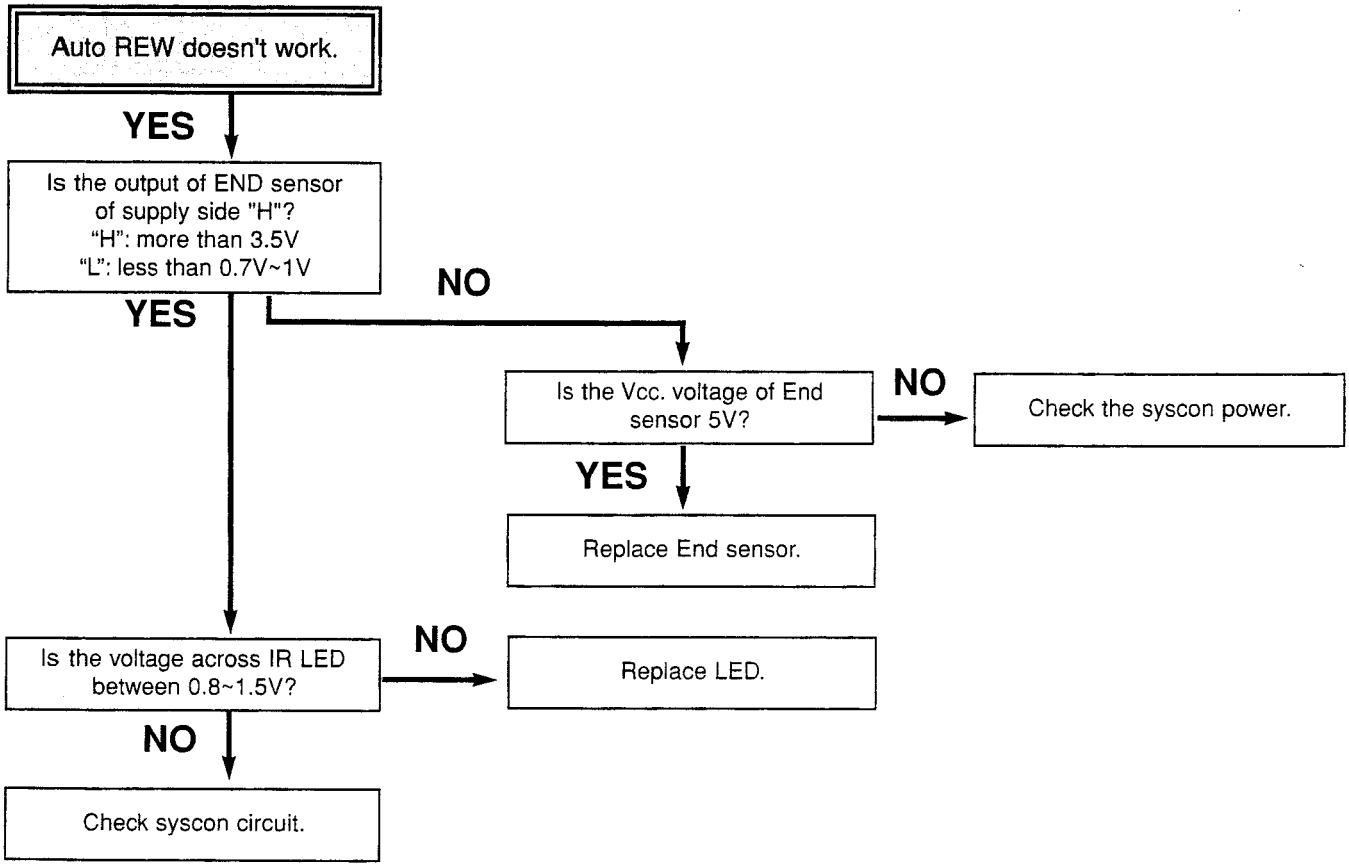



**Plate Slider (Bottom)**

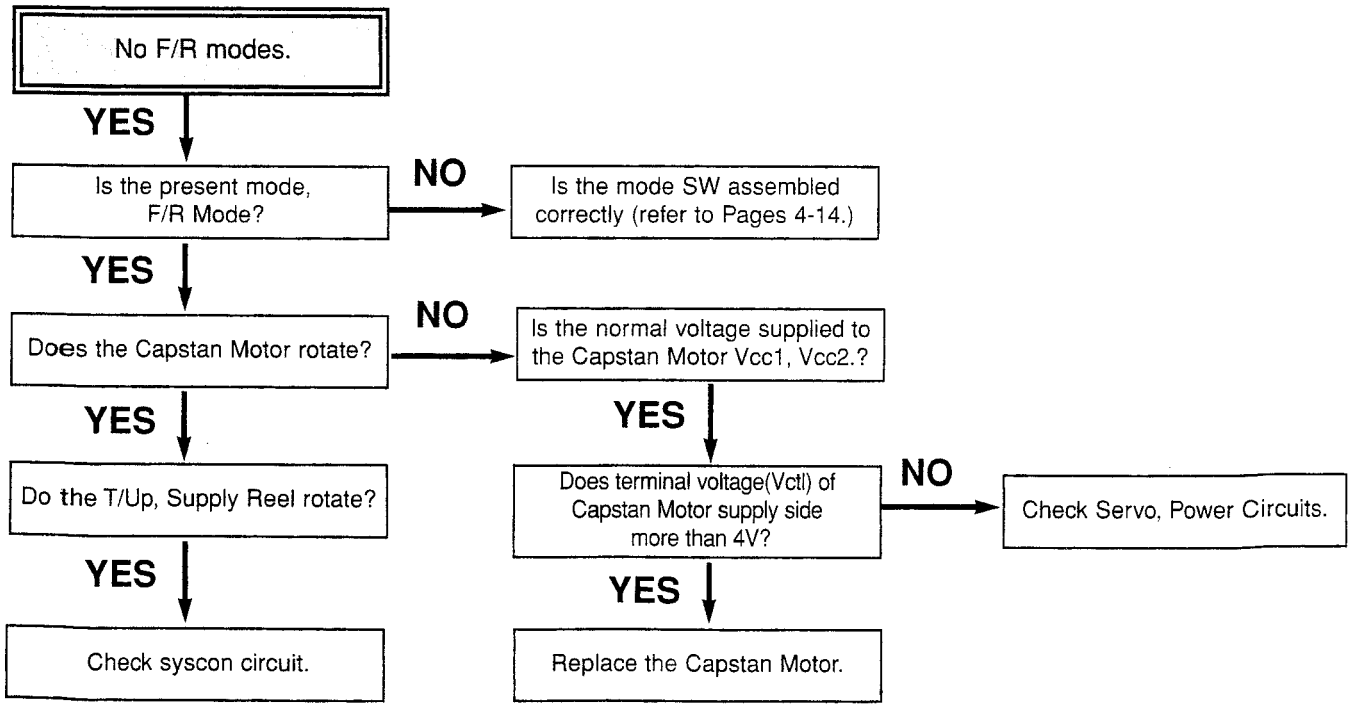
# MECHANISM TROUBLESHOOTING GUIDE

## 1.Deck Mechanism

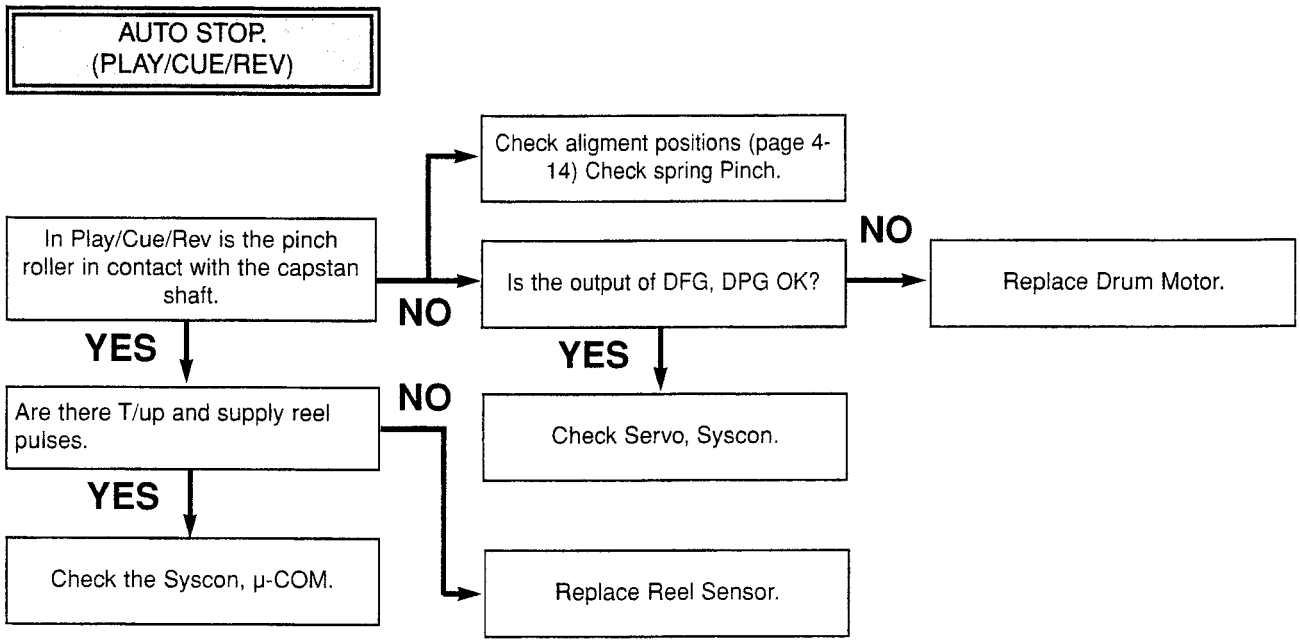
**A.**



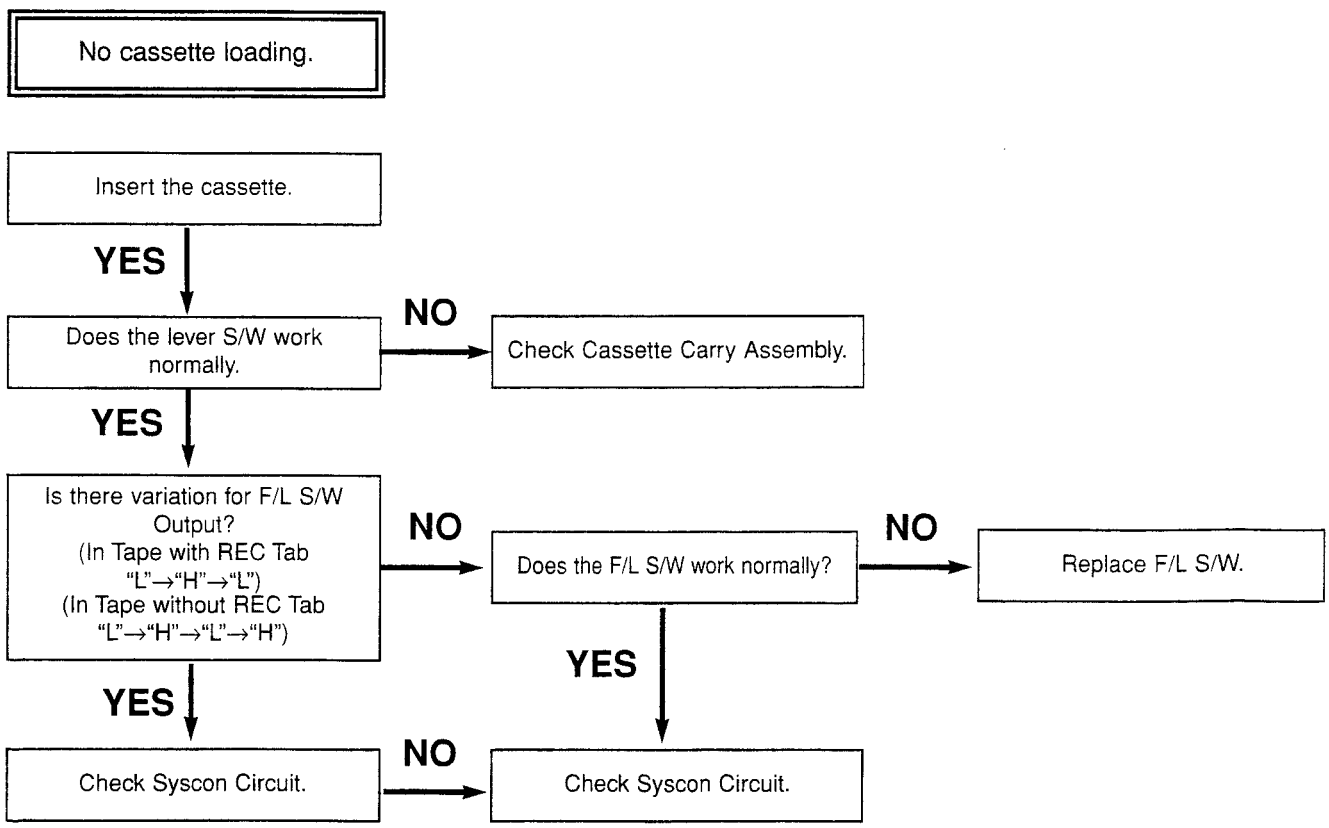

**B.**



C.

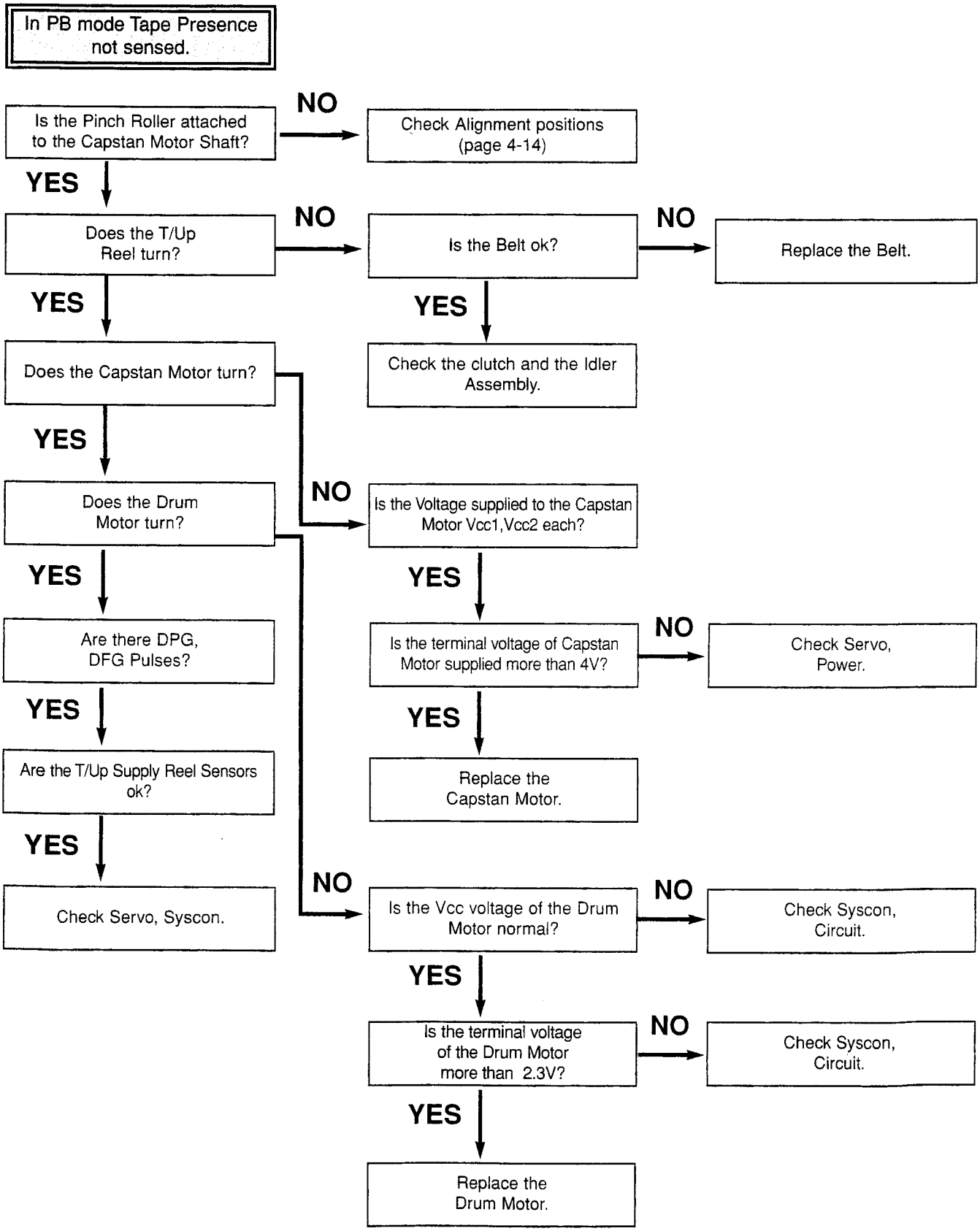

AUTO STOP.
(PLAY/CUE/REV)
In Play/Cue/Rev is the pinch roller in contact with the capstan shaft.
Check aligment positions (page 4-14) Check spring Pinch.
NO
YES
Is the output of DFG, DPG OK?
NO
Replace Drum Motor.
YES
Are there T/up and supply reel pulses.
NO
Check Servo, Syscon.
YES
Check the Syscon, µ-COM.
Replace Reel Sensor.

D.


No cassette loading.
Insert the cassette.
YES
Does the lever S/W work normally.
NO
Check Cassette Carry Assembly.
YES
Is there variation for F/L S/W Output?
(In Tape with REC Tab
"L"→"H"→"L")
(In Tape without REC Tab
"L"→"H"→"L"→"H")
NO
Does the F/L S/W work normally?
NO
Replace F/L S/W.
YES
YES
Check Syscon Circuit.
NO
Check Syscon Circuit.

# MECHANISM TROUBLESHOOTING GUIDE

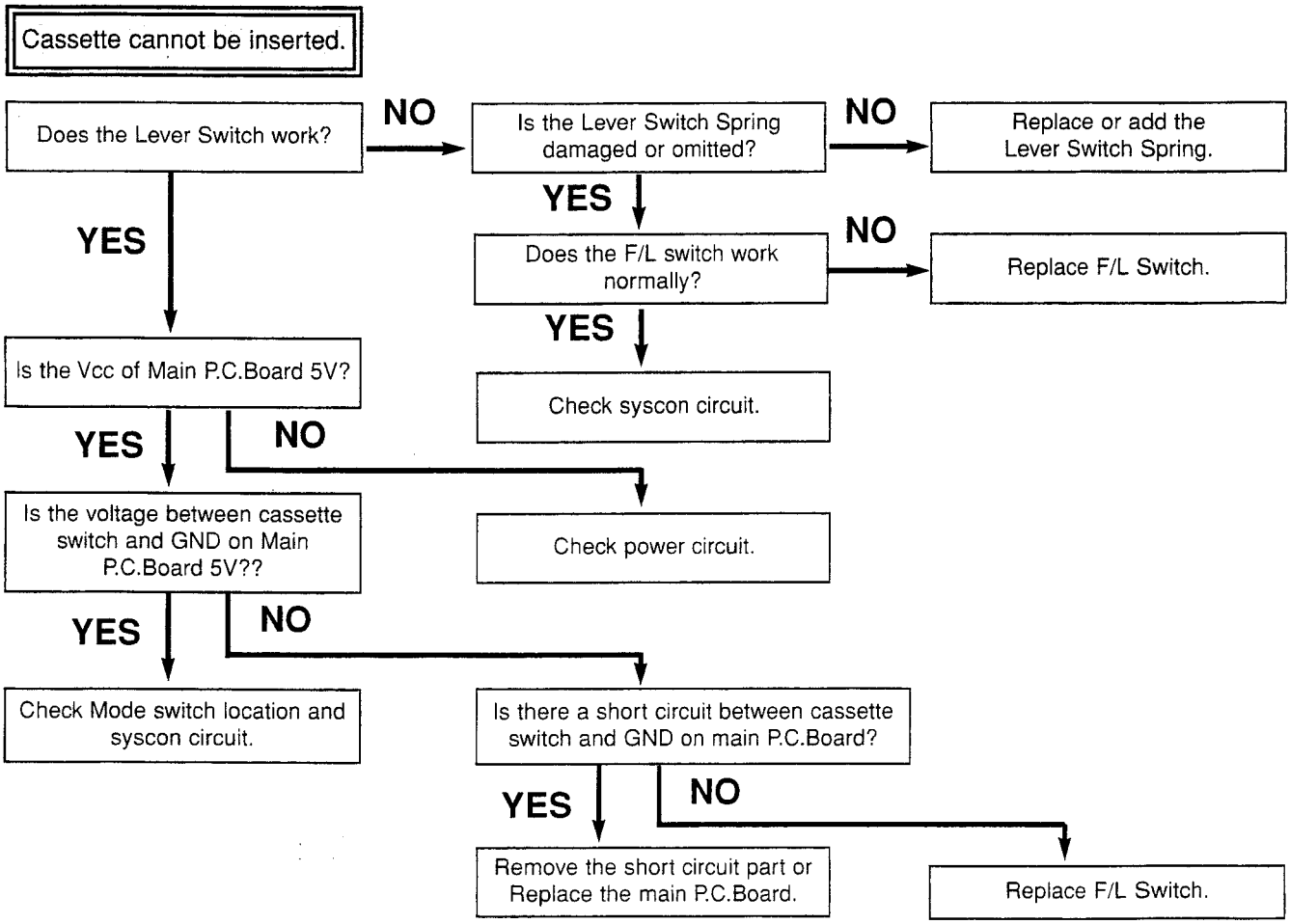
**E.**



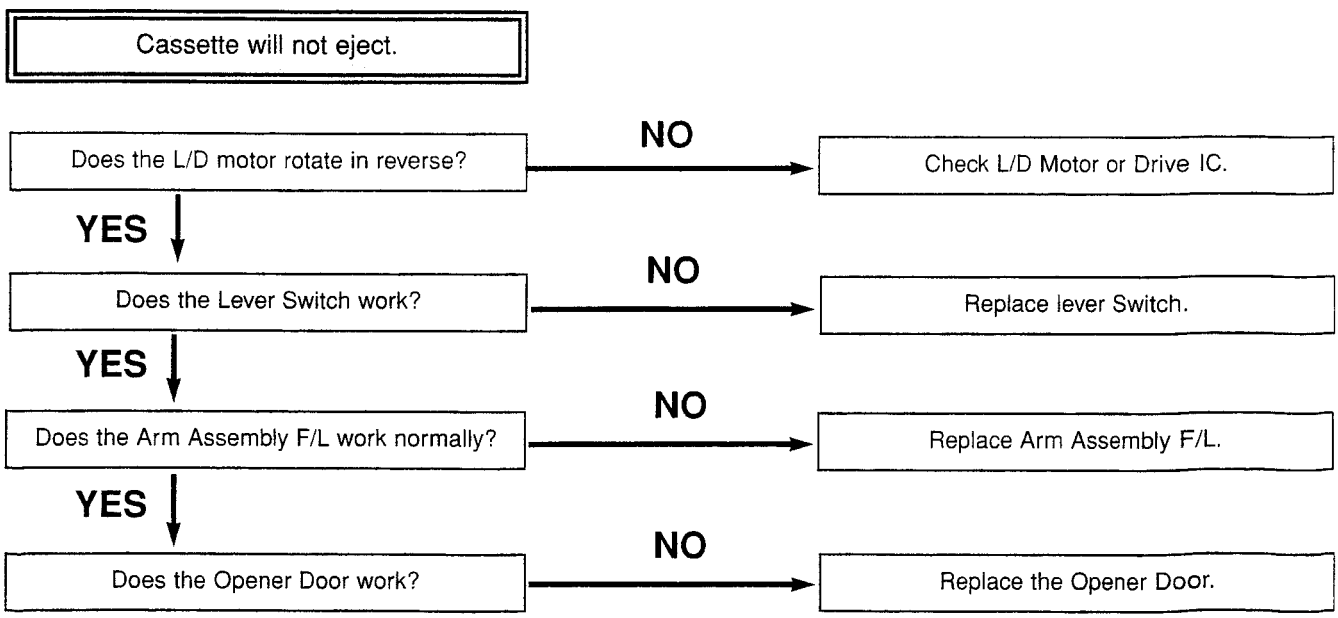
# MECHANISM TROUBLESHOOTING GUIDE

## 2. Front Loading Mechanism

### A.

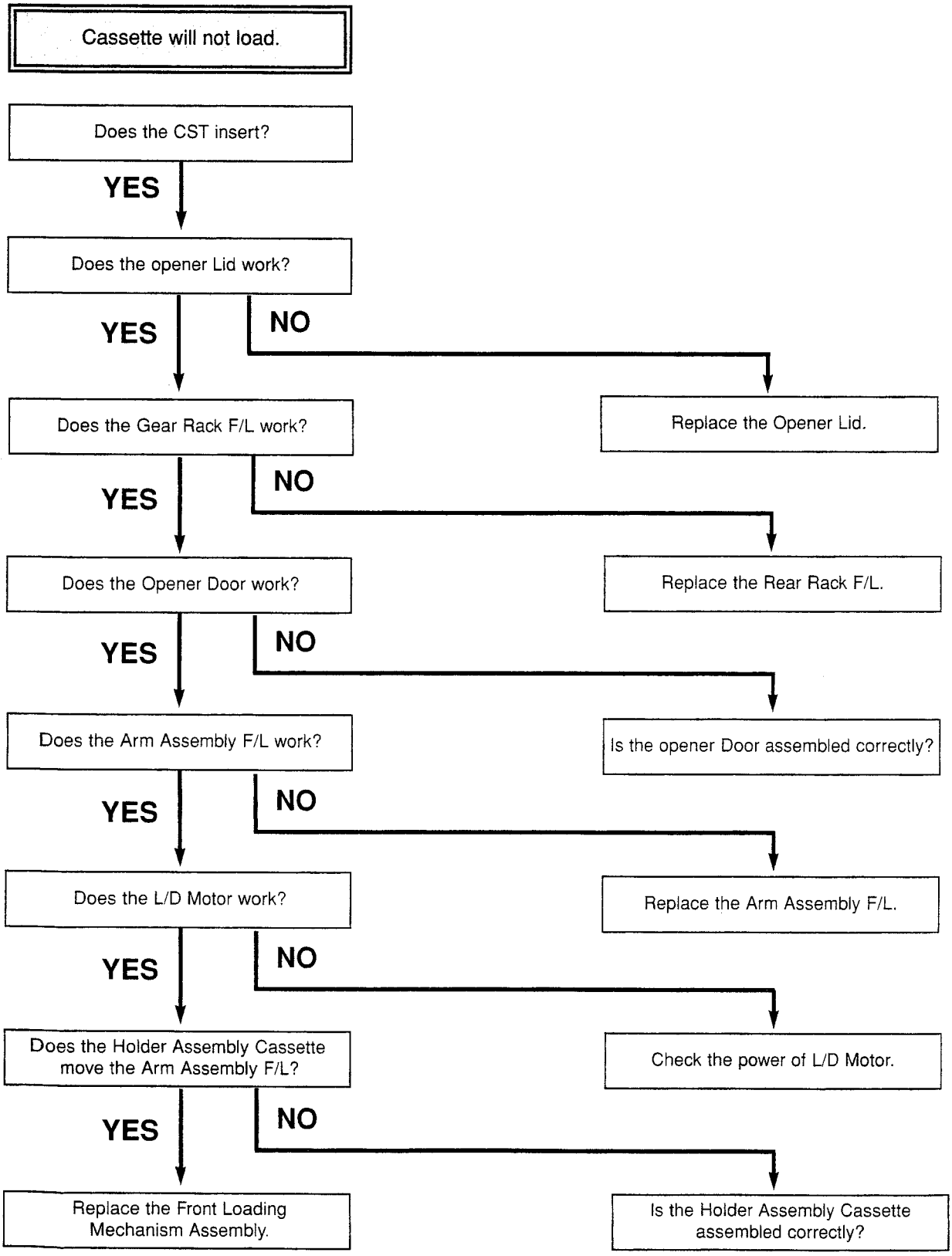

Cassette cannot be inserted.
Does the Lever Switch work?
NO
Is the Lever Switch Spring damaged or omitted?
NO
Replace or add the Lever Switch Spring.
YES
YES
Does the F/L switch work normally?
NO
Replace F/L Switch.
YES
Is the Vcc of Main P.C.Board 5V?
Check syscon circuit.
YES
NO
Is the voltage between cassette switch and GND on Main P.C.Board 5V??
Check power circuit.
YES
NO
Check Mode switch location and syscon circuit.
Is there a short circuit between cassette switch and GND on main P.C.Board?
YES
NO
Remove the short circuit part or Replace the main P.C.Board.
Replace F/L Switch.

### B.



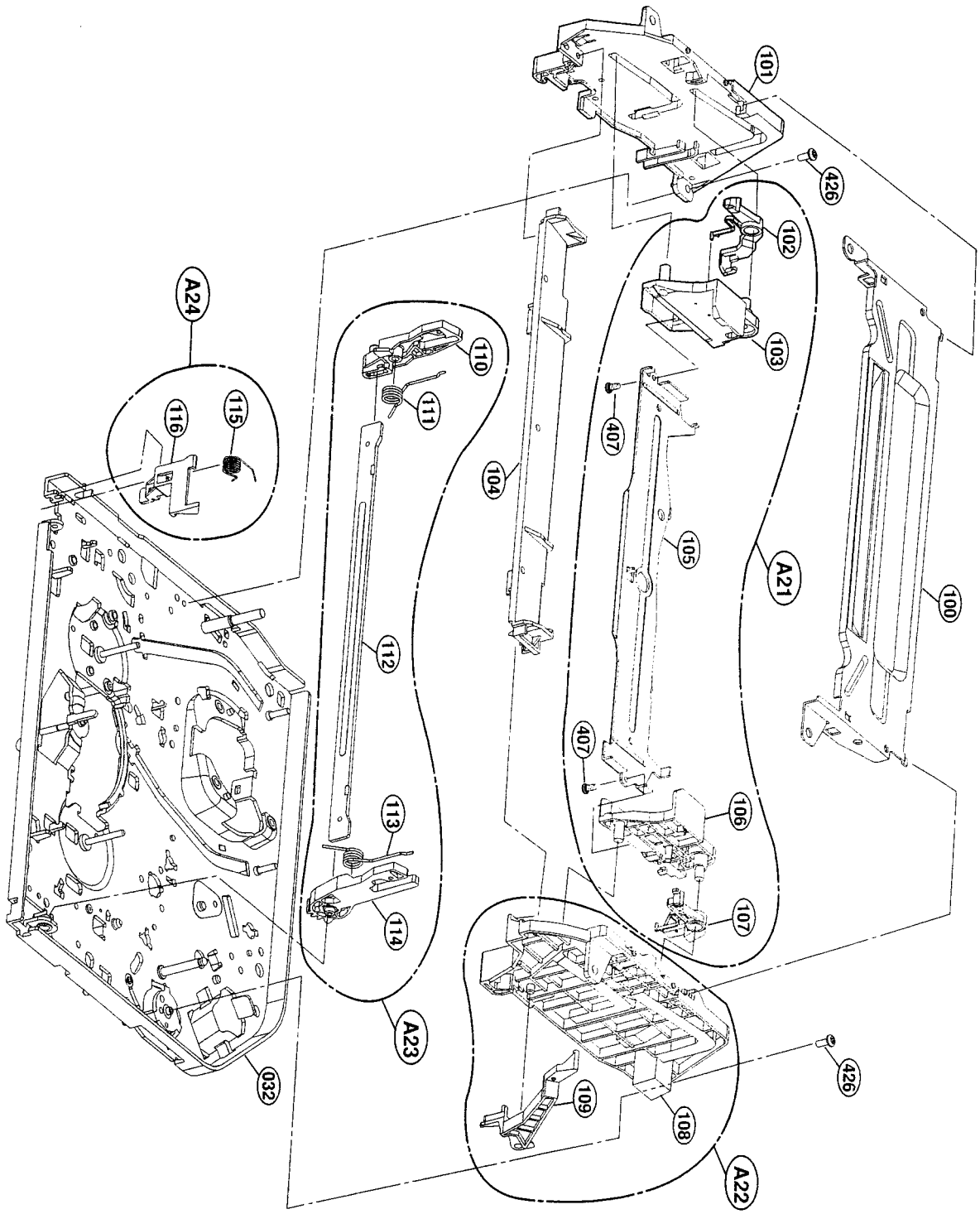
# MECHANISM TROUBLESHOOTING GUIDE

C.



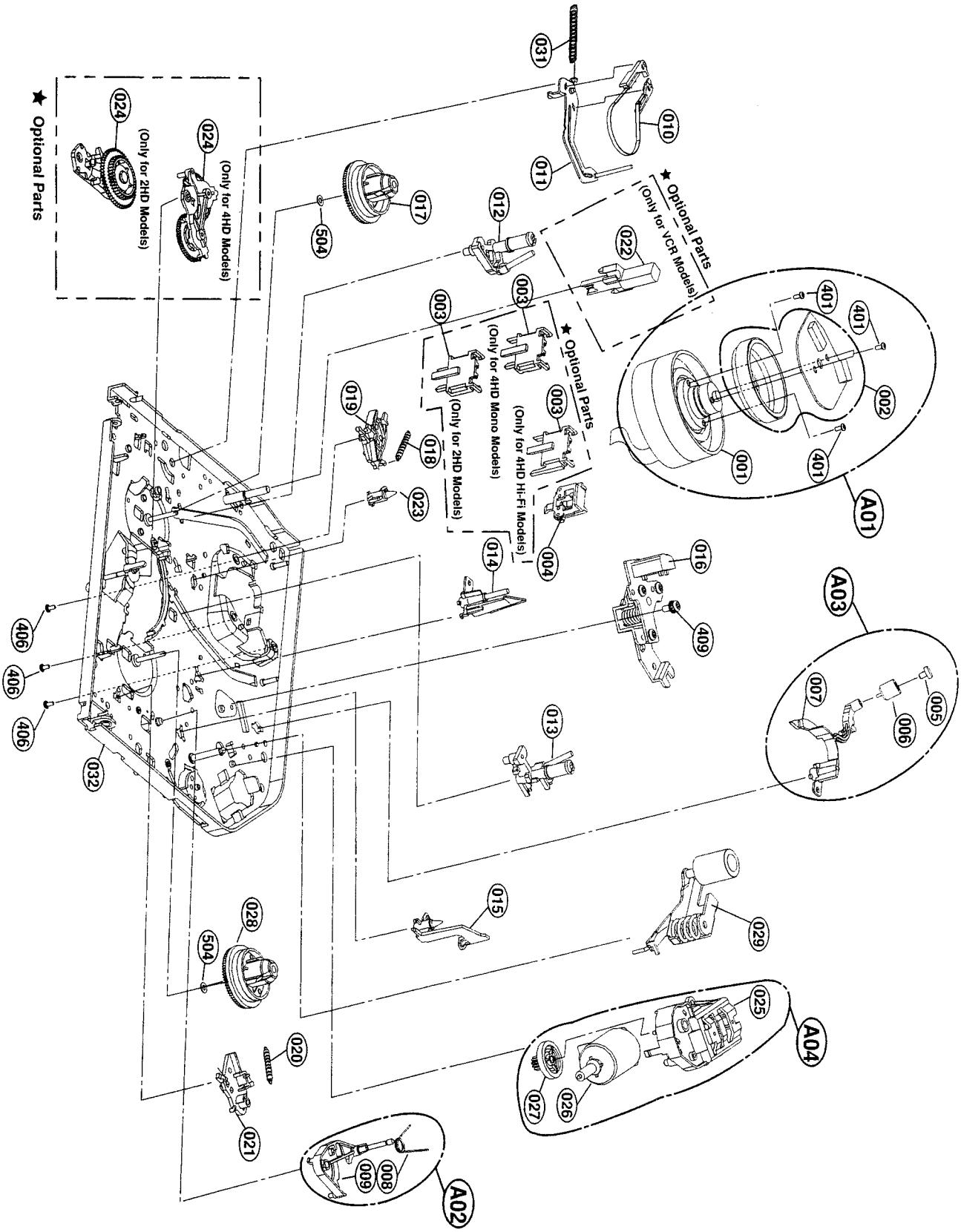
# EXPLODED VIEWS

## 1. Front Loading Mechanism Section



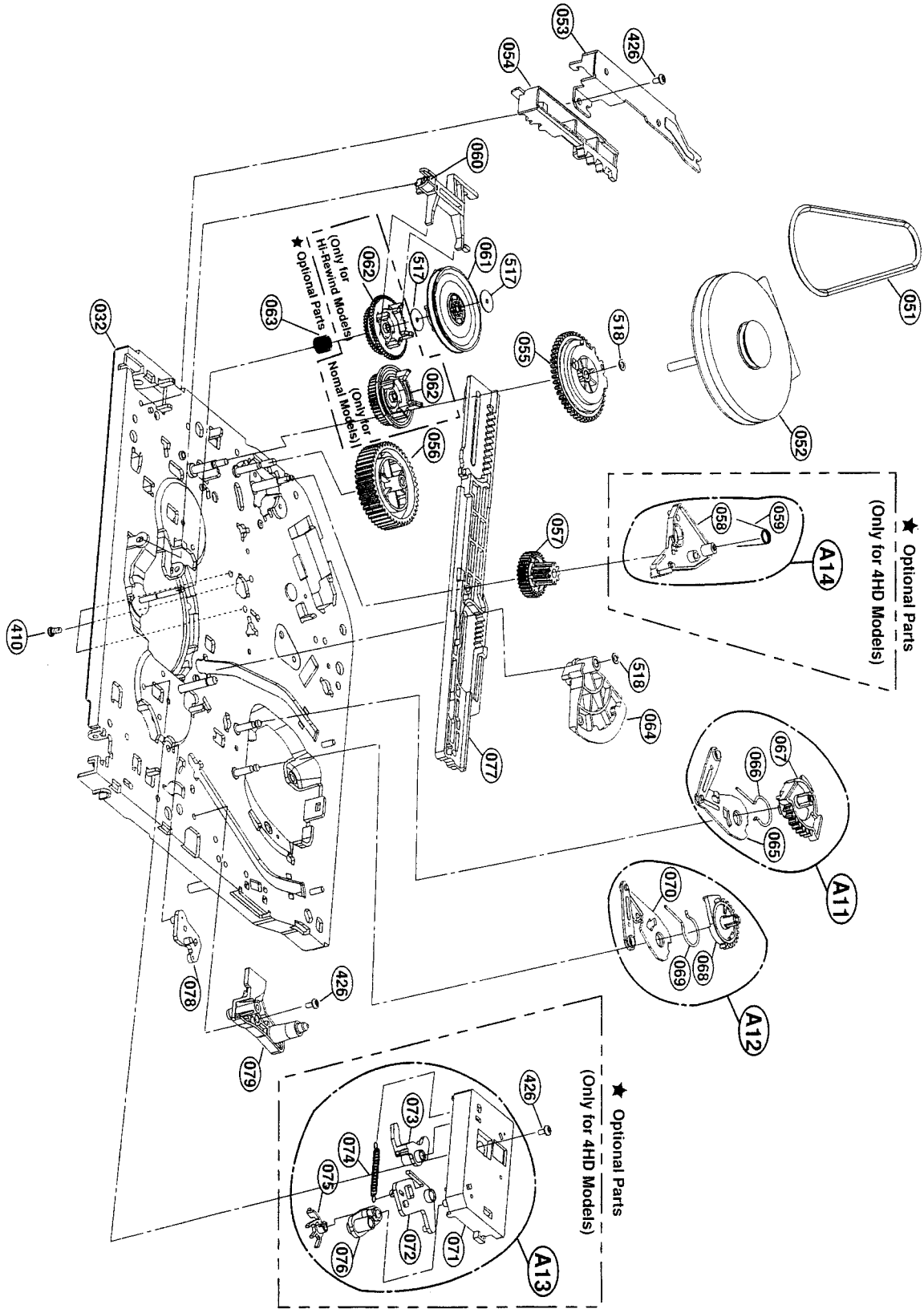
# EXPLODED VIEWS

## 2. Moving Mechanism Section(1)



# EXPLODED VIEWS

## 3. Moving Mechanism Section(2)



# SECTION 5 REPLACEMENT PARTS LIST

VS-J418EO
VS-J218EO
VS-J200EO

## · Mechanical Section

RUN DATE : 99.06.19
**NSP: Not Service Part**

| S | AL | LOCA.NO | PART NO(GS) | DESCRIPTION | SPECIFICATION | REMARKS |
|---|---|---|---|---|---|---|
| | | | | **ASSEMBLY PARTS SECTION** | | |
| | | A00 | 6721R-0132A | DECK ASSY | D33 (4HD, PAL, JOG) | |
| | | A01 | 6723R-0102D | DRUM ASSY | D33-4CH PAL (5P4) | |
| | OR | A01 | 6723R-B102D | DRUM(CIRC) ASSY | D33-4CH PAL (5P4) | |
| | OR | A01 | 6723R-D102D | DRUM(CIRC) ASSY | D33-4CH PAL (5P4) | |
| | | A02 | 4261R-0012A | ARM ASSY! | T/UP | |
| | | A03 | 4261R-0003A | ARM ASSY! | CLEANER | |
| | | A04 | 4811R-0011A | BRACKET ASSY | L/D MOTOR | |
| | | A11 | 4470R-0028A | GEAR | ASSY P3 | |
| | | A12 | 4470R-0026A | GEAR | ASSY P2 | |
| | | A13 | 4811R-0012A | BRACKET ASSY | JOG | |
| | | A14 | 4421R-0005B | BRAKE ASSY | CAPSTAN | |
| | | A21 | 4931R-0015A | HOLDER ASSY | CST | |
| | | A22 | 4811R-0014A | BRACKET ASSY | DOOR | |
| | | A23 | 4261R-0010A | ARM ASSY! | F/L | |
| | | A24 | 4510R-0019A | LEVER | ASSY SWITCH | |
| | | | | **PARTS SECTION** | | |
| | | 001 | 6723R-0105D | DRUM ASSY | SUB D33-4CH PAL (5P4) | |
| | | 002 | 4680RB0004A | MOTOR(MECH) | DRUM F2OEL-81 SANKYO D33 | |
| | OR | 002 | 4680RB0005A | MOTOR(MECH) | DRUM GVD-033A LGEC D33 | |
| | | 003 | 4930R-0107A | HOLDER | FPC(4CH) | |
| | | 004 | 5006R-0014A | CAP | FPC | |
| | | 005 | 276-100A | CAP | A CLEANER | NSP |
| | | 006 | 434-242A | ROLLER | CLEANER | NSP |
| | | 007 | 4260R-0009A | ARM | CLEANER | NSP |
| | | 008 | 4970R-0043A | SPRING | T/UP | |
| | | 009 | 4260R-0011A | ARM | T/UP | |
| | | 010 | 4770R-0004A | BAND (MECH) | ASSY TENSION | |
| | | 011 | 4261R-0004A | ARM ASSY! | TENSION | |
| | | 012 | 3041R-0003A | BASE ASSY | P2 | |
| | OR | 012 | 3041R-0003B | BASE ASSY | P2 (D/C) | |
| | | 013 | 3041R-0004A | BASE ASSY | P3 | |
| | OR | 013 | 3041R-0004B | BASE ASSY | P3(D/C) | |
| | | 014 | 3041R-0007A | BASE ASSY | P4 | |
| | | 015 | 5870R-0001A | OPENER | LID | |
| | | 016 | 3041R-0005A | BASE ASSY | A/C HEAD(LGEC) | |
| | | 017 | 4408R-0001A | REEL | S | |
| | | 018 | 4970R-0054A | SPRING | SB | |
| | | 019 | 4421R-0003A | BRAKE ASSY | S | |
| | | 020 | 4970R-0053A | SPRING | TB | |
| | | 021 | 4421R-0004A | BRAKE ASSY | T | |
| | | 022 | 523-833B | HEAD | FE D33 . LG C&D/ST | |
| | | 023 | 4980R-0010A | SUPPORTER | CST | |
| | | 024 | 4261R-0009A | ARM ASSY! | IDLER-J | |
| | | 025 | 4810R-0053A | BRACKET | L/D MOTOR | NSP |
| | | 026 | 4681R-0007A | MOTOR ASSY | L/D | NSP |
| | | 027 | 4470R-0025A | GEAR | WHEEL | NSP |
| | | 028 | 4408R-0002A | REEL | T | |



## MEMO

RUN DATE : 99.06.19
NSP: Not Service Part

| S | AL | LOCA.NO | PART NO(GS) | DESCRIPTION | SPECIFICATION | REMARKS |
|---|---|---|---|---|---|---|
| | | 029 | 4261R-0011A | ARM ASSY! | PINCH (MOLD BEARING) | |
| | | 031 | 4970R-0052A | SPRING | TENSION | |
| | | 032 | 3141R-0002A | CHASSIS ASSY | D33 | NSP |
| | | 051 | 4400R-0005A | BELT | CAPSTAN | |
| | OR | 052 | 4680RA0002A | MOTOR(MECH) | CAPSTAN F2QSB SANKYO D33 | |
| | | 052 | 4680RA0003A | MOTOR(MECH) | CAPSTAN GVC-033A LGEC D33 | |
| | | 053 | 4974R-0018A | GUIDE | RACK F/L | |
| | | 054 | 4470R-0037A | GEAR | RACK F/L | |
| | | 055 | 4470R-0033A | GEAR | DRIVE | |
| | | 056 | 4470R-0032A | GEAR | CAM | |
| | | 057 | 4470R-0036B | GEAR | CONNECT | |
| | | 058 | 4420R-0005A | BRAKE | CAPSTAN | |
| | | 059 | 4970R-0059A | SPRING | CAPSTAN | |
| | | 060 | 4510R-0025A | LEVER | F/R | |
| | | 061 | 4265R-0002A | CLUTCH ASSY | D33 | |
| | | 062 | 4470R-0044A | GEAR | ASSY UP/D | |
| | | 063 | 4970R-0051A | SPRING | UP/D | |
| | | 064 | 4470R-0034A | GEAR | SECTOR | |
| | | 065 | 4510R-0016A | LEVER | P3 | NSP |
| | | 066 | 4970R-0046A | SPRING | L/D | NSP |
| | | 067 | 4470R-0029A | GEAR | P3 | NSP |
| | | 068 | 4470R-0027A | GEAR | P2 | NSP |
| | | 069 | 4970R-0046A | SPRING | L/D | NSP |
| | | 070 | 4510R-0015A | LEVER | P2 | NSP |
| | | 071 | 4810R-0054A | BRACKET | JOG | NSP |
| | | 072 | 4510R-0017A | LEVER | JOG | NSP |
| | | 073 | 4510R-0018A | LEVER | SLOW | NSP |
| | | 074 | 4970R-0049A | SPRING | JOG | NSP |
| | | 075 | 4470R-0031A | GEAR | JOG | NSP |
| | | 076 | 4260R-0017A | ARM | JOG | NSP |
| | | 077 | 3300R-0157A | PLATE | SLIDER | |
| | | 078 | 4510R-0022A | LEVER | TENSION | |
| | | 079 | 3040R-0018A | BASE | TENSION | |
| | | 100 | 3301R-0029A | PLATE ASSY | TOP | |
| | | 101 | 4810R-0056A | BRACKET | SIDE(L) | |
| | | 102 | 4510R-0023A | LEVER | STOPPER(L) | NSP |
| | | 103 | 4930R-0099A | HOLDER | SIDE(L) | NSP |
| | | 104 | 4974R-0019A | GUIDE | CST | |
| | | 105 | 4930R-0098A | HOLDER | CST | NSP |
| | | 106 | 4930R-0100A | HOLDER | SIDE(R) | NSP |
| | | 107 | 4510R-0024A | LEVER | STOPPER(R) | NSP |
| | | 108 | 4810R-0055A | BRACKET | SIDE(R) | NSP |
| | | 109 | 5870R-0002A | OPENER | DOOR | NSP |
| | | 110 | 4260R-0018A | ARM | F/L(L) | NSP |
| | | 111 | 4970R-0055A | SPRING | F/L(L) | NSP |
| | | 112 | 3070R-0001A | BODY | F/L | NSP |
| | | 113 | 4970R-0056A | SPRING | F/L(R) | NSP |
| | | 114 | 4260R-0019A | ARM | F/L(R) | NSP |
| | | 115 | 4970R-0050A | SPRING | SWITCH | |
| | | 116 | 4510R-0020A | LEVER | SWITCH | |
| **SCREW** | | | | | | |
| | | 401 | 1MPK0261418 | PAN HEAD MACHINE SCREW +,- | + D2.6 L4.0 MSWR3 / FZY | |
| | | 406 | 1MEC0302018 | PAN HEAD MACHINE SCREW S/W + | D 3.0 L 6.0 MSWR3/FZY | |



RUN DATE : 99.06.19
NSP: Not Service Part

| S | AL | LOCA.NO | PART NO(GS) | DESCRIPTION | SPECIFICATION | REMARKS |
|---|---|---|---|---|---|---|
| | | 407 | 1APF0201718 | SCREW TAP TITE(B),PAN HEAD | + D2.0 L5.0 MSWR3/FZY | |
| | | 409 | 1MGC0302418 | PAN HEAD MACN SCREW S/P WASH + | D 3.0 L 8.0 MSWR3/FZY | |
| | | 410 | 1APF0262218 | SCREW TAP TITE(B),PAN HEAD | + D2.6 L6.8 MSWR3/FZY | |
| | | 426 | 1MPC0302018 | PAN HEAD MACHINE SCREW +! | D 3.0 L 6.0 MSWR3/FZY | |
| **NUT, WASHER** | | | | | | |
| | | 504 | 354-001B | WASHER | P.S D3.1XD6X0.5T | |
| | | 517 | 1WZZR-0004B | WASHER | STOPPER | |
| | | 518 | 1WZZR-0004A | WASHER | STOPPER | |

## · Cabinet & Main Frame Section

RUN DATE : 99.06.19
NSP: Not Service Part

| S | AL | LOCA.NO | PART NO(GS) | DESCRIPTION | SPECIFICATION | REMARKS |
|---|---|---|---|---|---|---|
| **ASSEMBLY PARTS SECTION** | | | | | | |
| | | A43 | 3721R-F107G | PANEL ASSY,FRONT[NORMAL PARTS] | (VS-J418EO) | |
| | | A43 | 3721R-F107M | PANEL ASSY,FRONT[NORMAL PARTS] | (VS-J218EO) :M/G | |
| | | A43 | 3721R-F107W | PANEL ASSY,FRONT[NORMAL PARTS] | (VS-J218EO) :D/BK | |
| | | A43 | 3721R-F108C | PANEL ASSY,FRONT[NORMAL PARTS] | (VS-J200EO) | |
| | | A46 | 3501R-1237C | BOARD ASSY | MAIN (VS-J418EO) | |
| | | A46 | 3501R-1237G | BOARD ASSY | MAIN (VS-J200EO) | |
| | | A46 | 3501R-1237H | BOARD ASSY | MAIN (VS-J218EO) | |
| | | A49 | 6871R-1240A | PWB(PCB) ASSY | TIMER (VS-J200EO) | |
| | | A49 | 6871R-1241A | PWB(PCB) ASSY | TIMER (VS-J418EO/J218EO) | |
| **PARTS SECTION** | | | | | | |
| | | 250 | 3110R-0128K | CASE | TOP(VSJ418EO/J218EO/J200EO)M/G | |
| | | 260 | 3210R-0023B | FRAME | MAIN (VII-PJT, 60HR) | NSP |
| | | 275 | 4930R-0133A | HOLDER | DIGITRON(UP-MONO) | |
| | | 280 | 3720R-F081B | PANEL | FRONT(VS-J200EO) | NSP |
| | | 280 | 3720R-F081D | PANEL | FRONT(VS-J418EO/J218EO) :M/G | NSP |
| | | 280 | 3720R-F081G | PANEL | FRONT(VS-J218EO) :D/BK | NSP |
| | | 283 | 3580R-0038G | DOOR | CST(VS-J418EO) | |
| | | 283 | 3580R-0038M | DOOR | CST(VS-J218EO) | |
| | | 283 | 3580R-0043C | DOOR | CST(VS-J200EO)(E V Y2) | |
| | | 284 | 442-681A | SPRING | DOOR | |
| | | 300 | 6410RCHV02A | POWER CORD | H03VVH2-F2 X 0.75MM FILTER VOL | |
| | | 320 | 3721R-D023F | PANEL ASSY,DISTRIBUTOR[NORMAL | AF-PAL MONO -2SCART-PREMERE/CA | |
| | | 323 | 3111R-0089B | CASE ASSY | PRE-AMP (PBSB-SH) | |
| | | 330 | 3550R-0210A | COVER | BOTTOM(LARGE) | |
| **SCREW** | | | | | | |
| | | 452 | 353-051A | SCREW | SPECIAL | |
| | | 457 | 353-051E | SCREW | SPECIAL (3X12) | |
| | | 462 | 353-136A | SCREW | SPECIAL(FBK) (353S353A) | |

## · Electrical Section

RUN DATE : 99.06.19

**CAUTION:** The * marks in the parts list designate components which have special characteristics important for safety and should be replaced only with types identical to those in the original circuit or specified in the parts list. Before replacing any of these components, read carefully the SAFETY PRECAUTIONS and SERVICING PRECAUTIONS in the manual. Do not degrade the safety of the unit through improper servicing.

**Tolerance**

| Symbol | C | J | K | M | N | Z | P | A |
|---|---|---|---|---|---|---|---|---|
| % | ±2 | ±5 | ±10 | ±20 | ±30 | +80<br>-20 | +100<br>-10 | +100<br>-10 |

CC, CJ, CK: Capacitor, Ceramic
CE: Capacitor, Electrolytic
CQ: Capacitor, Polyester

| S | AL | LOCA.NO | PART NO(GS) | SPECIFICATION |
|---|---|---|---|---|
| | | | **CAPACITOR** | |
| | | C101 | 624-088H | PCX2 0.1UF/275VAC R T/P |
| | | C102 | 624-088H | PCX2 0.1UF/275VAC R T/P |
| | | C103 | 624-082F | CE 68UF/400V SHLVN |
| | | C105 | 0CQ1031Y519 | 0.01UF D 630V K PE NI TP |
| | | C106 | 624-087B | HIGH-VOL 100P/1KV SMPS SAMHWA |
| | | C109 | 0CE336BH638 | 33UF KME 25V M FM5 TP5 |
| | | C111 | 0CN223AK948 | 0.022UF 50V Z F TA26 S |
| | | C112 | 0CG3320U630 | 3300 PF 400V M E R(NK,AD,SD) |
| | | C113 | 0CG2210U610 | 220 PF 400V M B R(NK,AD,SD) |
| | | C114 | 0CQ4732K409 | 0.047UF S 50V J PE TP |
| | | C115 | 624-085D | CE 47UF/50V KME (SMPS) |
| | | C116 | 0CE108BF638 | 1000UF KME TYPE 16V M FM5 TP 5 |
| | | C117 | 0CE477CF638 | 470UF SHL TYPE 16V M FM5 TP 5 |
| | | C118 | 0CE2276D638 | 220M SMS 10V M FM5 TP(5) |
| | | C119 | 624-085D | CE 47UF/50V KME (SMPS) |
| | | C120 | 0CE477BH638 | 470UF KME 25V M FM5 TP5 |
| | | C121 | 624-082G | CE 470UF/25V SHL(10*12.5)T/P |
| | | C122 | 0CN223AK948 | 0.022UF 50V Z F TA26 S |
| | | C124 | 0CE4754K638 | 4.7M SRA 50V M FM5 TP(5) |
| | | C151 | 0CE4754K638 | 4.7M SRA 50V M FM5 TP(5) |
| | | C152 | 0CE4754K638 | 4.7M SRA 50V M FM5 TP(5) |
| | | C153 | 0CE4754K638 | 4.7M SRA 50V M FM5 TP(5) |
| | | C155 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C156 | 0CE1054K638 | 1.0M SRA/SS50V M FM5 TP(5) |
| | | C157 | 0CE1054K638 | 1.0M SRA/SS50V M FM5 TP(5) |
| | | C159 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C218 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C220 | 0CN223AK948 | 0.022UF 50V Z F TA26 S |
| | | C301 | 0CE1054K638 | 1.0M SRA/SS5(VS-J218EO/J200EO) |
| | | C301 | 0CN1040K948 | 0.1UF 50V Z F TA26(VS-J418EO) |
| | | C303 | 0CE1054K638 | 1.0M SRA/SS50V M FM5 TP(5) |
| | | C304 | 0CE2274C638 | 220M SRA 6.3V M FM5 TP(5) |
| | | C305 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C306 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C307 | 0CX2700K408 | 27P 50V J SL TP26 |
| | | C309 | 0CN3310K518 | 330P 50V K B TA26 |
| | | C310 | 0CE4754K638 | 4.7M SRA 50V M FM5 TP(5) |
| | | C311 | 0CN1810K518 | 180P 50V K B TA26 |
| | | C312 | 0CX2200K408 | 22P 50V J SL TP26 |
| | | C313 | 0CN1010K418 | 100PF 50V J B TA26 |
| | | C314 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C315 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C316 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |

| S | AL | LOCA.NO | PART NO(GS) | SPECIFICATION |
|---|---|---|---|---|
| | | C317 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C318 | 0CE2254K638 | 2.2M SRA 50V M FM5 TP(5) |
| | | C319 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C320 | 0CN1050K948 | 1UF 50V Z F TA26 D |
| | | C322 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C323 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C324 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C325 | 0CN1050K948 | 1UF 50V Z F TA26 D |
| | | C326 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C327 | 0CE1063F638 | 10M SRE/SE 16V M FM5 TP(5) |
| | | C328 | 0CN223AK948 | 0.022UF 50V Z F TA26 S |
| | | C329 | 0CN223AK948 | 0.022UF 50V Z F TA26 S |
| | | C330 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C331 | 0CE2274C638 | 220M SRA 6.3V M FM5 TP(5) |
| | | C332 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C333 | 0CN1040K948 | 0.1UF 50V Z(VS-J218EO/J200EO) |
| | | C333 | 0CN223AK948 | 0.022UF 50V Z F (VS-J418EO) |
| | | C334 | 0CN223AK948 | 0.022UF 50V Z F (VS-J418EO) |
| | | C335 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C336 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C337 | 0CE4754K638 | 4.7M SRA 50V M FM5 TP(5) |
| | | C338 | 0CN223AK948 | 0.022UF 50V Z F TA26 S |
| | | C339 | 0CE4754K638 | 4.7M SRA 50V M FM5 TP(5) |
| | | C340 | 0CN3330K518 | 0.033UF 50V K B TA26 |
| | | C341 | 0CN223AK948 | 0.022UF 50V Z F TA26 S |
| | | C342 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C343 | 0CN4730K948 | 0.047M 50V Z F TA26 |
| | | C344 | 0CN223AK948 | 0.022UF 50V Z F TA26 S |
| | | C346 | 0CE2274C638 | 220M SRA 6.3V M FM5 TP(5) |
| | | C348 | 0CE1054K638 | 1.0M SRA/SS50V M FM5 TP(5) |
| | | C350 | 0CN1030F678 | 0.01M 16V M(VS-J218EO/J200EO) |
| | | C350 | 0CN1040K948 | 0.1UF 50V Z F TA26(VS-J418EO) |
| | | C351 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C352 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C353 | 0CX2200K408 | 22P 50V J(VS-J218EO/J200EO) |
| | | C353 | 0CX2700K408 | 27P 50V J SL (VS-J418EO) |
| | | C354 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C355 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C358 | 0CE1054K638 | 1.0M SRA/SS50V M FM5 TP(5) |
| | | C363 | 0CX3900K408 | 39P 50V J SL TA26 |
| | | C367 | 0CN1040K948 | 0.1UF 50V Z(VS-J218EO/J200EO) |
| | | C367 | 0CN4730K948 | 0.047M 50V Z F (VS-J418EO) |
| | | C368 | 0CN1020K518 | 1000P 50V K B TA26 |
| | | C369 | 0CN223AK948 | 0.022UF 50V Z F TA26 S |
| | | C370 | 0CN1810K518 | 180P 50V K B TA26 |



## · Packing Accessory Section

RUN DATE : 99.06.19
**NSP: Not Service Part**

| S | AL | LOCA.NO | PART NO(GS) | DESCRIPTION | SPECIFICATION | REMARKS |
|---|---|---|---|---|---|---|
| | | 801 | 3835RP0037T | INSTRUCTION ASSY | (VS-J218EO) :FINLAND | |
| | | 801 | 3835RP0037U | INSTRUCTION ASSY | (VS-J418EO) :GERMANY | |
| | | 801 | 3835RP0037V | INSTRUCTION ASSY | (VS-J418EO) :SPAIN | |
| | | 801 | 3835RP0037W | INSTRUCTION ASSY | (VS-J200EO) :FINLAND | |
| | | 801 | 3835RP0037X | INSTRUCTION ASSY | (VS-J200EO) :GERMANY | |
| | | 801 | 3835RP0037Y | INSTRUCTION ASSY | (VS-J200EO) :SPAIN | |
| | | 802 | 3890R-H399A | BOX | (VS-J200EO) | |
| | | 802 | 3890R-H401A | BOX | (VS-J218EO) SW | |
| | | 802 | 3890R-H401B | BOX | (VS-J218EO) FL | |
| | | 802 | 3890R-H402A | BOX | (VS-J418EO) | |
| | | 803 | 3920R-0075A | PACKING | AK219! 0.02 1 EPS 1 1 1 | |
| | OR | 804 | 292-053A | BAG | SOFT(VCP) | NSP |
| | | 804 | 3858R-0006A | SHEET | ROLL(W630XL300MX0.5T) | NSP |
| | | 808 | 534-002C | BATTERY | 1.5V AAM UM-3 LOL 1PAIR | |
| | | 810 | 861-505B | CABLE SET ASSY | RF-CABLE,ASSY,PAL | |

## · Remote Control Section

RUN DATE : 99.06.19
**NSP: Not Service Part**

| S | AL | LOCA.NO | PART NO(GS) | DESCRIPTION | SPECIFICATION | REMARKS |
|---|---|---|---|---|---|---|
| | | 900 | 6711R2P016D | REMOTE CONTROLLER ASSY | (VS-J418EO/J218EO) | |
| | | 900 | 6711R2P016G | REMOTE CONTROLLER ASSY | (VS-J200EO) | |

RUN DATE : 99.06.19

| S | AL | LOCA.NO | PART NO(GS) | SPECIFICATION |
|---|---|---|---|---|
| | | C371 | 0CN1040K948 | 0.1UF 50V Z(VS-J218EO/J200EO) |
| | | C372 | 0CX6800K408 | 68P 50V J SL TA26 |
| | | C373 | 0CN1040K948 | 0.1UF 50V Z(VS-J218EO/J200EO) |
| | | C374 | 0CN223AK948 | 0.022UF 50V Z F TA26 S |
| | | C375 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C376 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C3A1 | 0CN223AK948 | 0.022UF 50V Z F (VS-J418EO) |
| | | C3B1 | 0CN3330K518 | 0.033UF 50V K B (VS-J418EO) |
| | | C3B1 | 0CN4730K948 | 0.047M 50V Z(VS-J218EO/J200EO) |
| | | C401 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C402 | 0CN223AK948 | 0.022UF 50V Z F TA26 S |
| | | C403 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C405 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C406 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C408 | 0CQ1532K409 | 0.015UF S 50V J PE TP |
| | | C409 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C410 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C412 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C413 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C414 | 0CQ1032K409 | 0.01UF S 50V J PE TP |
| | | C415 | 0CE2264F638 | 22M SRA 16V M FM5 TP(5) |
| | | C416 | 0CN2220F668 | 2200P 16V M X TA26 |
| | | C417 | 0CN1220F668 | 1200P 16V M X TA26 |
| | | C418 | 0CQ1532K409 | 0.015UF S 50V J PE TP |
| | | C419 | 0CQ1032K409 | 0.01UF S 50V J PE TP |
| | | C420 | 0CE4765K618 | 47UF SR,SV 50V M FL TP 5 |
| | | C421 | 0CQ2232L559 | 0.022UF S 63V K PP NI TP5 |
| | | C422 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C423 | 0CE4754K638 | 4.7M SRA 50V M FM5 TP(5) |
| | | C424 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C425 | 0CN8210K518 | 820P 50V K B TA26 |
| | | C426 | 0CN8210K518 | 820P 50V K B TA26 |
| | | C427 | 0CN8210K518 | 820P 50V K B TA26 |
| | | C431 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C466 | 0CE3354K638 | 3.3M SRA 50V M FM5 TP(5) |
| | | C467 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C500 | 624-074A | SUPER CAP 0.047F/5.5V T/P S/S |
| | | C501 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C502 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C503 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C504 | 0CE2274C638 | 220M SRA 6.3V M FM5 TP(5) |
| | | C505 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C506 | 0CN223AK948 | 0.022UF 50V Z F TA26 S |
| | | C507 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C508 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C509 | 0CN223AK948 | 0.022UF 50V Z F TA26 S |
| | | C510 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C512 | 0CN1810K518 | 180P 50V K B TA26 |
| | | C513 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C514 | 0CC1800K415 | 18P 50V J NP0 TS |
| | | C515 | 0CC1800K415 | 18P 50V J NP0 TS |
| | | C516 | 0CN223AK948 | 0.022UF 50V Z F TA26 S |
| | | C518 | 0CC3300K415 | 33P 50V J NP0 TP |
| | | C519 | 0CC3900K415 | 39P 50V J NP0 TP |
| | | C520 | 0CN1020K518 | 1000P 50V K B TA26 |
| | | C521 | 0CN223AK948 | 0.022UF 50V Z F TA26 S |
| | | C522 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C524 | 0CE3364F638 | 33M SRA 16V M FM5 TP(5) |
| | | C525 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C526 | 0CE4764H638 | 47M SRA 25V M FM5 TP(5) |
| | | C527 | 0CN1810K518 | 180P 50V K B TA26 |
| | | C528 | 0CN1030F678 | 0.01M 16V M Y TA26 |

| S | AL | LOCA.NO | PART NO(GS) | SPECIFICATION |
|---|---|---|---|---|
| | | C529 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C530 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C532 | 0CN223AK948 | 0.022UF 50V Z F TA26 S |
| | | C533 | 0CN1020K518 | 1000P 50V K B TA26 |
| | | C534 | 0CE4754K638 | 4.7M SRA 50V M FM5 TP(5) |
| | | C535 | 0CE4754K638 | 4.7M SRA 50V M FM5 TP(5) |
| | | C536 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C537 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C540 | 0CQ3332K409 | 0.033UF S 50V J PE TP |
| | | C541 | 0CE4754K638 | 4.7M SRA 50V M FM5 TP(5) |
| | | C542 | 0CN6810K518 | 680P 50V K B TA26 |
| | | C543 | 0CN2220F668 | 2200P 16V M X TA26 |
| | | C544 | 0CQ4732K409 | 0.047UF S 50V J PE TP |
| | | C545 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C546 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C551 | 0CQ3332K409 | 0.033UF S 50V J PE TP |
| | | C552 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C561 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C564 | 0CN3310K518 | 330P 50V K B TA26 |
| | | C567 | 0CN1020K518 | 1000P 50V K B TA26 |
| | | C570 | 0CC1800K415 | 18P 50V J NP0 TS |
| | | C571 | 0CC1800K415 | 18P 50V J NP0 TS |
| | | C574 | 0CN1020K518 | 1000P 50V K B TA26 |
| | | C575 | 0CN1020K518 | 1000P 50V K B TA26 |
| | | C576 | 0CC1500K415 | 15P 50V J NP0 TS |
| | | C577 | 0CC1200K415 | 12P 50V J NP0 TS |
| | | C578 | 0CN1220F668 | 1200P 16V M X TA26 |
| | | C581 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C582 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C588 | 0CE4754K638 | 4.7M SRA 50V M FM5 TP(5) |
| | | C596 | 0CN223AK948 | 0.022UF 50V Z F TA26 S |
| | | C5F4 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C5F7 | 0CN1050K948 | 1UF 50V Z F TA26 D |
| | | C5F8 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C5P1 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C5P2 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C5S1 | 0CX4300K408 | 43P 50V J SL TA26 |
| | | C5S2 | 0CN223AK948 | 0.022UF 50V Z F TA26 S |
| | | C5X2 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C701 | 0CE4754K638 | 4.7M SRA 50V M FM5 TP(5) |
| | | C702 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C703 | 0CE4754K638 | 4.7M SRA 50V M FM5 TP(5) |
| | | C704 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C705 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C706 | 0CE477CF638 | 470UF SHL TYPE 16V M FM5 TP 5 |
| | | C707 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C709 | 0CN2210K518 | 220P 50V K B TA26 |
| | | C710 | 0CX4300K408 | 43P 50V J SL TA26 |
| | | C712 | 0CX5R60K508 | 5.6PF 50V K SL TA26 |
| | | C7M1 | 0CN1010K418 | 100PF 50V J B TA26 |
| | | C7M2 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C7M3 | 0CX4300K408 | 43P 50V J SL TA26 |
| | | C7M5 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C7M6 | 0CX2700K406 | 27P 50V J SL TA26 |
| | | C7M8 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C7M9 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C7V1 | 0CE4764F638 | 47M SRA/SS (VS-J418EO/J218EO) |
| | | C7V2 | 0CN1050K948 | 1UF 50V Z F (VS-J418EO/J218EO) |
| | | C7V3 | 0CC1200K415 | 12P 50V (VS-J418EO/J218EO) |
| | | C7V4 | 0CC1200K415 | 12P 50V (VS-J418EO/J218EO) |
| | | C7V5 | 0CQ5632K409 | 0.0560UF 50V(VS-J418EO/J218EO) |
| | | C7V6 | 0CE4754K638 | 4.7M SRA/555(VS-J418EO/J218EO) |



RUN DATE : 99.06.19

| S | AL | LOCA.NO | PART NO(GS) | SPECIFICATION |
|---|---|---|---|---|
| | | C7V7 | 0CE1054K638 | 1.0M SRA/SS5(VS-J418EO/J218EO) |
| | | C7V8 | 0CE1054K638 | 1.0M SRA/SS5(VS-J418EO/J218EO) |
| | | C902 | 0CE477CF638 | 470UF SHL TYPE 16V M FM5 TP 5 |
| | | C904 | 0CN1020K518 | 1000P 50V K B TA26 |
| | | C908 | 0CN1020K518 | 1000P 50V K B TA26 |
| | | C909 | 0CX6800K408 | 68P 50V J SL TA26 |
| | | C912 | 0CE477CF638 | 470UF SHL (VS-J418EO/J218EO) |
| | | C914 | 0CN1020K518 | 1000P 50V(VS-J418EO/J218EO) |
| | | C918 | 0CN1020K518 | 1000P 50V(VS-J418EO/J218EO) |
| | | C920 | 0CX6800K408 | 68P 50V J SL TA26 |
| | | C921 | 0CX6800K408 | 68P 50V J SL TA26 |
| | | C922 | 0CN1020K518 | 1000P 50V(VS-J418EO/J218EO) |
| | | C923 | 0CN1020K518 | 1000P 50V K B TA26 |
| | | C924 | 0CN1020K518 | 1000P 50V(VS-J418EO/J218EO) |
| | | C941 | 0CE1064F638 | 10M SRA 16V(VS-J418EO/J218EO) |
| | | C942 | 0CE1054K636 | 1.0U SRA 50V M FM5 BP TP(D) |
| | | C943 | 0CE1064F638 | 10M SRA 16V(VS-J418EO/J218EO) |
| | | C944 | 0CE1064F638 | 10M SRA 16V(VS-J418EO/J218EO) |
| | | C945 | 0CE1064F638 | 10M SRA 16V(VS-J418EO/J218EO) |
| | | C946 | 0CE1064F638 | 10M SRA 16V(VS-J418EO/J218EO) |
| | | C947 | 0CE1064F638 | 10M SRA 16V(VS-J418EO/J218EO) |
| | | C948 | 0CE1064F638 | 10M SRA 16V(VS-J418EO/J218EO) |
| | | C949 | 0CN1040K948 | 0.1UF 50V Z(VS-J418EO/J218EO) |
| | | C950 | 0CE1064F638 | 10M SRA 16V(VS-J418EO/J218EO) |
| | | C951 | 0CE4764F638 | 47M SRA/SS (VS-J418EO/J218EO) |
| | | C952 | 0CN1040K948 | 0.1UF 50V Z(VS-J418EO/J218EO) |
| | | C953 | 0CE1064F638 | 10M SRA 16V(VS-J418EO/J218EO) |
| | | C955 | 0CE1064F638 | 10M SRA 16V(VS-J418EO/J218EO) |
| | | C956 | 0CE1044K638 | 0.1M SRA 50V M FM5 TP(5) |
| | | C957 | 0CX1500K408 | 15P 50V J SL (VS-J200EO) |
| | | C957 | 0CX6800K408 | 68P 50V J SL TA26 |
| | | C999 | 0CN1020K518 | 1000P 50V K B TA26 |
| | | C9F2 | 0CN1020K518 | 1000P 50V(VS-J418EO/J218EO) |

## DIODE

| | | | | |
|---|---|---|---|---|
| | | BD101 | 0DD160000DA | S1WBA60(1A 600V) SHIDENKEN |
| | | BJ02 | 0DD133009AA | 1SS133 DETECT,SW (VS-J200EO) |
| | | BJ03 | 0DD133009AA | 1SS133 DETECT,SW TP |
| | | BJ05 | 0DD133009AA | 1SS133 DETECT(VS-J218/J200EO) |
| | | BJ11 | 0DD133009AA | 1SS133 DETECT,SW (VS-J200EO) |
| | | BJ12 | 0DD133009AA | 1SS133 DETECT,SW (VS-J200EO) |
| | | BJ14 | 0DD133009AA | 1SS133 DETECT,SW (VS-J200EO) |
| | | BJ16 | 0DD133009AA | 1SS133 DETECT,SW (VS-J200EO) |
| | | BJ21 | 0DD133009AA | 1SS133 DETECT,SW (VS-J200EO) |
| | OR | D102 | 0DD010009CA | EG01CW(R-FORM 5MM) TP SANKEN |
| | | D102 | 0DD221009AA | ERA22-10 KFLB,TP ,R T/P,FUJI |
| | | D104 | 0DD010009AC | EU01W(R-FORM) TP SANKEN |
| | | D105 | 0DD010009AC | EU01W(R-FORM) TP SANKEN |
| | | D106 | 0DR810040BA | ERC81-004L22 BK FUJI DO201AD 4 |
| | | D107 | 0DR180209AA | ERA18-02KFRB TP FUJI DO204AL 2 |
| | | D108 | 0DD010009AC | EU01W(R-FORM) TP SANKEN |
| | | D109 | 0DD400000AD | RU4YXLF(015-305) M20 SANKEN |
| | | D151 | 0DD133009AA | 1SS133 DETECT,SW TP |
| | OR | D152 | 0DD400309AB | IN4003A(1SR35-200A)5M/M TP ROH |
| | | D152 | 0DR104009AB | RL104 R. TP GULF SEMICONDUCTOR |
| | OR | D154 | 0DD400309AB | IN4003A(1SR35-200A)5M/M TP ROH |
| | | D154 | 0DR104009AB | RL104 R. TP GULF SEMICONDUCTOR |
| | OR | D155 | 0DD400309AB | IN4003A(1SR35-200A)5M/M TP ROH |
| | | D155 | 0DR104009AB | RL104 R. TP GULF SEMICONDUCTOR |
| | | D301 | 0DD133009AA | 1SS133 DETECT,SW TP |
| | | D502 | 0DD133009AA | 1SS133 DETECT,SW TP |
| | | D509 | 0DD133009AA | 1SS133 DETECT,SW (VS-J418EO) |

| S | AL | LOCA.NO | PART NO(GS) | SPECIFICATION |
|---|---|---|---|---|
| | | D902 | 0DD133009AA | 1SS133 DETECT,SW TP |
| | | D903 | 0DD133009AA | 1SS133 DETECT,SW TP |
| | | D904 | 0DD133009AA | 1SS133 DETECT,SW TP |
| | | DJ04 | 0DD133009AA | 1SS133 DETECT,SW TP |
| | | DJ10 | 0DD133009AA | 1SS133 DETECT,SW TP |
| | | DJ19 | 0DD133009AA | 1SS133 DETECT,SW TP |
| | | DJ22 | 0DD133009AA | 1SS133 DETECT,SW TP |

## LEVEL METER

| | | | | |
|---|---|---|---|---|
| | | DIG5F1 | 6302R1P003B | 7-MT-233GK AKAI MONO FUTABA PA |

## FUSE

| | | | | |
|---|---|---|---|---|
| | OR | F101 | 585-011C | T 1.6A 250V S506 |
| | | F101 | 585-011T | 1600MA 250 V 5.2X20 CY/GL SEMK |

## FILTER

| | | | | |
|---|---|---|---|---|
| | | L102 | 616-145H | SHT LFS2020V4-04350 |

## IC

| | | | | |
|---|---|---|---|---|
| | | F103 | 0IRH100000B | ICP-N10 T104 TP IC DETACT |
| | | IC101 | 0ISK615300A | STR-G6153T 5PIN FM CUT BK PWM |
| | | IC103 | 0IKE431000A | KIA431 3 PIN TP |
| | OR | IC103 | 0ISS431000A | KA431AZ (LM431AZ) |
| | | IC301 | 0ISA715910A | LA71591M 100QFP BK AVCP 1CHIP |
| | | IC501 | 0IGS397766A | GMS3977RA-A66F 100QFP BK MICOM |
| | | IC502 | 0ISS308200A | KA3082 10-SIP BK MOTOR DRIVE |
| | | IC503 | 0IAL241600B | AT24C16-10PC 8D EEPROM 16K |
| | | IC504 | 0IKE703100A | KIA7031P 3P 3.1V RESET(TAPING) |
| | OR | IC504 | 0ISS753100A | KA7531Z TO-92 TP 3.1V RESET |
| | | IC505 | 0IKE704200B | KIA7042P 3P 4.2V RESET(TAPING) |
| | OR | IC505 | 0ISS754200A | KA7542Z RESET TO92 TP 4.2V |
| | | IC5F1 | 0ISA866024A | LC866024W-5M41 64QFP BK MICOM |
| | | IC7V1 | 0ISA747930A | LC74793(JM (VS-J418EO/J218EO) |
| | | IC901 | 0IRH763500A | BH7635S DIP24 BK CANAL S/W |

## JACK

| | | | | |
|---|---|---|---|---|
| | | JK9F3 | 572-075D | BJP-202L,YEL(VS-J418EO/J218EO) |
| | | JK9F5 | 572-075C | BJP-202L(WH)(VS-J418EO/J218EO) |

## COIL

| | | | | |
|---|---|---|---|---|
| | | BC101 | 636-004C | BEAD CORE BFS3550R2FD8,R T/P |
| | | BC102 | 636-004C | BEAD CORE BFS3550R2FD8,R T/P |
| | | L103 | 633-088G | CHOCK(22MH) TP 5MM |
| | | L104 | 633-088G | CHOCK(22MH) TP 5MM |
| | | L105 | 0LA1000K018 | 100M K 2.3X3.4 L5 TP |
| | | L301 | 0LR0102K0P5 | LF7.5N OEL 10UH 10% TP 4.8X4.0 |
| | | L302 | 0LA0562K018 | 56M K 2.3X3.4 L5 TP |
| | | L303 | 0LA0682K018 | 68M K 2.3X3.4 L5 TP |
| | | L304 | 0LR1000K0P5 | LF7.5N OEL 100UH 10% TP 4.8X4 |
| | | L306 | 0LR1000K0P5 | LF7.5N OEL 100UH 10% TP 4.8X4 |
| | | L307 | 0LR1000K0P5 | LF7.5N OEL 100UH 10% TP 4.8X4 |
| | | L308 | 0LA0122K018 | 12M K 2.3X3.4 (VS-J418EO) |
| | | L308 | 0LA0182K018 | 18M K (VS-J218EO/J200EO) |
| | | L309 | 0LR1000K0P5 | LF7.5N OEL 100UH 10% TP 4.8X4 |
| | | L401 | 0LA0102K018 | 10M K 2.3X3.4 L5 TP |
| | | L402 | 0LR6801J045 | 6800U J 6X7 L5 TP |
| | | L405 | 0LR0102K0P5 | LF7.5N OEL 10UH 10% TP 4.8X4.0 |
| | | L502 | 0LR1000K0P5 | LF7.5N OEL 100UH 10% TP 4.8X4 |

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| S | AL | LOCA.NO | PART NO(GS) | SPECIFICATION |
|---|---|---|---|---|
| | | L503 | 0LA1000K018 | 100M K 2.3X3.4 L5 TP |
| | | L505 | 0LR1000K0P5 | LF7.5N OEL 100UH 10% TP 4.8X4 |
| | | L506 | 635-027C | EL0405RA SKI150G-3 K-TDK 15UH |
| | | L5S1 | 0LA0332K018 | 33M K 2.3X3.4 L5 TP |
| | | L5W1 | 0LR1000K0P5 | LF7.5N OEL 100UH 10% TP 4.8X4 |
| | | L701 | 0LR1000K0P5 | LF7.5N OEL 100UH 10% TP 4.8X4 |
| | | L702 | 0LR0102K0P5 | LF7.5N OEL 10UH 10% TP 4.8X4.0 |
| | | L703 | 0LR0102K0P5 | LF7.5N OEL 10UH 10% TP 4.8X4.0 |
| | | L704 | 0LA0821K018 | 8.2M K 2.3X3.4 L5 TP |
| | | L7M1 | 0LR1000K0P5 | LF7.5N OEL 100UH 10% TP 4.8X4 |
| | | L7V1 | 0LR1000K0P5 | LF7.5N 100UH(VS-J418EO/J218EO) |
| | | L901 | 0LA1000K018 | 100M K 2.3X3.4 L5 TP |
| | | L902 | 0LA1000K018 | 100M K 2.3X3.4 L5 TP |
| | | L903 | 0LA0101K018 | 1.0M K 2.3X3.4 L5 TP |
| | | L904 | 0LA1000K018 | 100M K 2.3X3.4 L5 TP |
| | | L905 | 636-004C | BEAD CORE BFS3550R2FD8.R T/P |
| | | L906 | 0LA1000K018 | 100M K 2.3X3.4 L5 TP |
| | | L907 | 636-004C | BEAD CORE BFS3550R2FD8.R T/P |
| | | L911 | 0LA1000K018 | 100M K (VS-J418EO/J218EO) |
| | | L912 | 0LA1000K018 | 100M K (VS-J418EO/J218EO) |
| | | L914 | 0LA1000K018 | 100M K (VS-J418EO/J218EO) |
| | | L916 | 0LA1000K018 | 100M K (VS-J418EO/J218EO) |
| | | L9F5 | 0LA1000K018 | 100M K (VS-J418EO/J218EO) |
| | | TL401 | 633-032K | BIAC OSC,1CHIP 5V(KS-75M) |
| **LED** | | | | |
| | | LD5P1 | 0DL100000BB | LTE-16KEE BK LITEON RED |
| **CIRCUIT BOARD ASSEMBLY** | | | | |
| | | PBM00 | 6871R-1237C | MAIN (VS-J418EO) |
| | | PBM00 | 6871R-1237G | MAIN (VS-J200EO) |
| | | PBM00 | 6871R-1237H | MAIN (VS-J218EO) |
| **TRANSFORMER** | | | | |
| | | T101 | 642-023M | S/W TRANS EER2828 WIDE X-PJT |
| **TRANSISTOR** | | | | |
| | | Q151 | 0TR320509AB | KTC3205-TP-Y (KTC2236A)KEC |
| | | Q152 | 0TR320309AA | KTC3203-Y (KTC2120) TP KEC 10P |
| | | Q153 | 0TR280400AA | KTC2804-Y BK KEC TO126 |
| | | Q154 | 0TR319809AC | KTC3198-TP-BL (KTC1815)KEC |
| | | Q155 | 0TR103009AF | KRA103M-TP (KRA2203) KEC |
| | | Q156 | 0TR320309AA | KTC3203-Y (KTC2120) TP KEC 10P |
| | | Q157 | 0TR103009AF | KRA103M-TP (KRA2203) KEC |
| | | Q158 | 0TR126809BA | KTA1268-BL TP KEC |
| | OR | Q158 | 0TR709009AE | KSA709C-Y TP SAMSUNG T0-92 |
| | | Q159 | 0TR127309AA | KTA1273-TP-Y (KTA966A)KEC |
| | | Q160 | 0TR101009AF | KRC101M(TO92M),4.7-4.7,KEC |
| | | Q161 | 0TR101009AF | KRC101M(TO92M),4.7-4.7,KEC |
| | | Q162 | 0TR127309AA | KTA1273-TP-Y (KTA966A)KEC |
| | | Q164 | 0TR127309AA | KTA1273-TP-Y (KTA966A)KEC |
| | | Q165 | 0TR101009AF | KRC101M(TO92M),4.7-4.7,KEC |
| | | Q301 | 0TR319909AF | KTC3199-BL MINI TP KEC |
| | | Q302 | 0TR319909AF | KTC3199-BL MINI TP KEC |
| | | Q303 | 0TR126709AC | KTA1267-GR MINI TP KEC |
| | | Q304 | 0TR319909AF | KTC3199-BL MINI TP KEC |
| | | Q305 | 0TR126709AC | KTA1267-GR MINI TP KEC |
| | | Q3A1 | 0TR319909AF | KTC3199-BL (VS-J418EO) |
| | | Q3A2 | 0TR319909AF | KTC3199-BL MINI TP KEC |
| | | Q401 | 0TR126709AC | KTA1267-GR MINI TP KEC |

| S | AL | LOCA.NO | PART NO(GS) | SPECIFICATION |
|---|---|---|---|---|
| | | Q402 | 0TR126709AC | KTA1267-GR MINI TP KEC |
| | | Q403 | 0TR319909AF | KTC3199-BL MINI TP KEC |
| | | Q404 | 0TR319909AF | KTC3199-BL MINI TP KEC |
| | | Q405 | 0TR320309AA | KTC3203-Y (KTC2120) TP KEC 10P |
| | | Q501 | 0TR319909AF | KTC3199-BL MINI TP KEC |
| | | Q502 | 0TR103009AE | KRC103M-TP (KRC1203) KEC |
| | | Q503 | 0TR127309AA | KTA1273-TP-Y (KTA966A)KEC |
| | | Q514 | 0TR103009AE | KRC103M-TP (KRC1203) KEC |
| | | Q515 | 0TR103009AE | KRC103M-TP (KRC1203) KEC |
| | | Q5A1 | 0TR319909AF | KTC3199-BL MINI TP KEC |
| | | Q5P1 | 0TR103009AE | KRC103M-TP (KRC1203) KEC |
| | | Q5S2 | 0TR319909AF | KTC3199-BL MINI TP KEC |
| | | Q701 | 0TR126709AC | KTA1267-GR MINI TP KEC |
| | | Q903 | 0TR103009AE | KTC103M-TP(KRC1203)(VS-J200EO) |
| | | Q906 | 0TR319909AF | KTC3199-BL MINI TP KEC |
| | | Q908 | 0TR103009AE | KTC103M-TP(KRC1203)(VS-J200EO) |
| | | Q909 | 0TR103009AF | KRA103M-TP(KRA2203)(VS-J200EO) |
| **RESISTOR** | | | | |
| | | C302 | 0RD2202F608 | 22K 1/6W 5 TA26(VS-J418EO) |
| | | FR02 | 0RF0471Q619 | 4.7 OHM 1/4 W (3.4) 5% TR |
| | | R101 | 614-007R | 2.7 OHM 2 W 5% TR RWR |
| | | R102 | 0RS1003K619 | 100K OHM 2 W 5% TR |
| | | R103 | 0RD0821F608 | 8.2 1/6W 5 TA26 |
| | | R104 | 0RS5602K619 | 56KOHM 2 W 5% TR |
| | | R109 | 0RS0350K619 | 0.35 OHM 2 W 5% TR |
| | | R114 | 0RD1003F608 | 100K 1/6W 5 TA26 |
| | | R116 | 0RD3300F608 | 330 1/6W 5 TA26 |
| | | R117 | 0RD2201F608 | 2.2K 1/6W 5 TA26 |
| | | R118 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R119 | 0RN3301F408 | 3.3K 1/6W 1 TA26 |
| | | R120 | 0RN2701F408 | 2.70K 1/6W 1% TA26 |
| | | R121 | 0RD1800F608 | 180 1/6W 5 TA26 |
| | | R127 | 0RD1501F608 | 1.5K 1/6W 5 TA26 |
| | | R151 | 0RD1201F608 | 1.2K 1/6W 5 TA26 |
| | | R152 | 0RD1201F608 | 1.2K 1/6W 5 TA26 |
| | | R154 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R155 | 0RD2702F608 | 27K 1/6W 5 TA26 |
| | | R156 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| | | R157 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R158 | 0RD2700F608 | 270 1/6W 5 TA26 |
| | | R159 | 0RD3300F608 | 330 1/6W 5 TA26 |
| | | R161 | 0RD2700F608 | 270 1/6W 5 TA26 |
| | | R162 | 0RD3300F608 | 330 1/6W 5 TA26 |
| | | R164 | 0RD1202F608 | 12K 1/6W 5 TA26 |
| | | R165 | 0RD1202F608 | 12K 1/6W 5 TA26 |
| | | R166 | 0RD2201F608 | 2.2K 1/6W 5 TA26 |
| | | R167 | 0RD2201F608 | 2.2K 1/6W 5 TA26 |
| | | R169 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R170 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R171 | 0RD3901F608 | 3.9K 1/6W 5 TA26 |
| | | R201 | 0RD4700F608 | 470 1/6W 5 TA26 |
| | | R302 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| | | R303 | 0RD1802F608 | 18K 1/6W 5 TA26 |
| | | R304 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| | | R305 | 0RD1201F608 | 1.2K 1/6W (VS-J218EO/J200EO) |
| | | R305 | 0RD1501F608 | 1.5K 1/6W 5 TA26(VS-J418EO) |
| | | R306 | 0RD3300F608 | 330 1/6W 5 TA26 |
| | | R307 | 0RD3300F608 | 330 1/6W 5 TA26 |
| | | R308 | 0RD2701F608 | 2.7K 1/6W 5 TA26 |
| | | R309 | 0RD8200F608 | 820 1/6W 5 TA26 |
| | | R310 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |



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| S | AL | LOCA.NO | PART NO(GS) | SPECIFICATION |
|---|---|---|---|---|
| | | R311 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | | R312 | 0RD1801F608 | 1.8K 1/6W 5 TA26 |
| | | R313 | 0RD3300F608 | 330 1/6W (VS-J218EO/J200EO) |
| | | R313 | 0RD4700F608 | 470 1/6W 5 TA26(VS-J418EO) |
| | | R316 | 0RD1500F608 | 150 1/6W 5 TA26 |
| | | R317 | 0RD1003F608 | 100K 1/6W (VS-J218EO/J200EO) |
| | | R317 | 0RD8202F608 | 82K 1/6W 5 TA26(VS-J418EO) |
| | | R318 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | | R319 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R321 | 0RD1501F608 | 1.5K 1/6W 5 TA26 |
| | | R322 | 0RD8201F608 | 8.2K 1/6W 5 TA26 |
| | | R323 | 0RD5601F608 | 5.6K 1/6W 5 TA26 |
| | | R324 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| | | R325 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R326 | 0RD2701F608 | 2.7K 1/6W 5 TA26 |
| | | R333 | 0RD1802F608 | 18K 1/6W 5 TA26(VS-J418EO) |
| | | R333 | 0RD5600F608 | 560 1/6W (VS-J218EO/J200EO) |
| | | R335 | 0RD1802F608 | 18K 1/6W 5 TA26 |
| | | R337 | 0RD2702F608 | 27K 1/6W (VS-J218EO/J200EO) |
| | | R338 | 0RD2200F608 | 220 1/6W (VS-J218EO/J200EO) |
| | | R338 | 0RD2700F608 | 270 1/6W 5 TA26(VS-J418EO) |
| | | R340 | 0RD1802F608 | 18K 1/6W 5 TA26 |
| | | R341 | 0RD2701F608 | 2.7K 1/6W 5 TA26(VS-J418EO) |
| | | R341 | 0RD3301F608 | 3.3K 1/6W (VS-J218EO/J200EO) |
| | | R349 | 0RD5601F608 | 5.6K 1/6W 5 TA26 |
| | | R350 | 0RD4700F608 | 470 1/6W 5 TA26 |
| | | R390 | 0RD5601F608 | 5.6K 1/6W 5 TA26(VS-J418EO) |
| | | R3A1 | 0RD2201F608 | 2.2K 1/6W 5 TA26(VS-J418EO) |
| | | R3A2 | 0RD4702F608 | 47K 1/6W 5 TA26(VS-J418EO) |
| | | R3A3 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R3B1 | 0RD3301F608 | 3.3K 1/6W (VS-J218EO/J200EO) |
| | | R3B1 | 0RD5101F608 | 5.1K 1/6W 5 TA26(VS-J418EO) |
| | | R402 | 0RD2204F608 | 2.2M 1/6W 5 TA26 |
| | | R403 | 0RD6801F608 | 6.8K 1/6W 5 TA26 |
| | | R404 | 0RD2700F608 | 270 1/6W 5 TA26 |
| | | R406 | 0RD2701F608 | 2.7K 1/6W 5 TA26 |
| | | R407 | 0RD2202F608 | 22K 1/6W 5 TA26 |
| | | R408 | 0RD2201F608 | 2.2K 1/6W 5 TA26 |
| | | R409 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | | R410 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| | | R411 | 0RD2202F608 | 22K 1/6W 5 TA26 |
| | | R412 | 0RD1801F608 | 1.8K 1/6W 5 TA26 |
| | | R413 | 0RD8201F608 | 8.2K 1/6W 5 TA26 |
| | | R414 | 0RD1202F608 | 12K 1/6W 5 TA26 |
| | | R415 | 0RD3303F608 | 330K 1/6W 5 TA26 |
| | | R416 | 0RD1500F608 | 150 1/6W 5 TA26 |
| | | R417 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R418 | 0RD2702F608 | 27K 1/6W 5 TA26 |
| | | R419 | 0RD0472F608 | 47 1/6W 5 TA26 |
| | | R420 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R421 | 0RD0221F608 | 2.2 1/6W 5 TA26 |
| | | R422 | 0RD5600F608 | 560 1/6W 5 TA26 |
| | | R424 | 0RD2700F608 | 270 1/6W 5 TA26 |
| | | R425 | 0RD4702F608 | 47K 1/6W 5 TA26 |
| | | R427 | 0RD4702F608 | 47K 1/6W 5 TA26 |
| | | R428 | 0RD3901F608 | 3.9K 1/6W 5 TA26 |
| | | R429 | 0RD4702F608 | 47K 1/6W 5 TA26 |
| | | R430 | 0RD3901F608 | 3.9K 1/6W 5 TA26 |
| | | R431 | 0RD2202F608 | 22K 1/6W 5 TA26 |
| | | R450 | 0RD3901F608 | 3.9K 1/6W 5 TA26 |
| | | R490 | 0RD4702F608 | 47K 1/6W 5 TA26 |
| | | R491 | 0RD1202F608 | 12K 1/6W 5 TA26 |

| S | AL | LOCA.NO | PART NO(GS) | SPECIFICATION |
|---|---|---|---|---|
| | | R500 | 0RF0681J619 | 6.8 OHM 1 W 5% TR |
| | | R501 | 0RD1000F608 | 100 1/6W 5 TA26 |
| | | R502 | 0RD1000F608 | 100 1/6W 5 TA26 |
| | | R504 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R505 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R506 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R507 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R508 | 0RD3301F608 | 3.3K 1/6W 5 TA26 |
| | | R509 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | | R510 | 0RD2201F608 | 2.2K 1/6W 5 TA26 |
| | | R511 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R512 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R513 | 0RD1003F608 | 100K 1/6W 5 TA26 |
| | | R515 | 0RD2700F608 | 270 1/6W 5 TA26 |
| | | R517 | 0RD1004F608 | 1.0M 1/6W 5 TA26 |
| | | R518 | 0RD5600F608 | 560 1/6W 5 TA26 |
| | | R519 | 0RD2702F608 | 27K 1/6W 5 TA26 |
| | | R520 | 0RD5601F608 | 5.6K 1/6W 5 TA26 |
| | | R521 | 0RD3301F608 | 3.3K 1/6W 5 TA26 |
| | | R522 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R523 | 0RD1502F608 | 15K 1/6W 5 TA26 |
| | | R525 | 0RD5601F608 | 5.6K 1/6W 5 TA26 |
| | | R526 | 0RD5601F608 | 5.6K 1/6W 5 TA26 |
| | | R527 | 0RD5600F608 | 560 1/6W 5 TA26 |
| | | R528 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| | | R529 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| | | R531 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| | | R534 | 0RD1004F608 | 1.0M 1/6W 5 TA26 |
| | | R535 | 0RD4703F608 | 470K 1/6W 5 TA26(VS-J418EO) |
| | | R542 | 0RD2201F608 | 2.2K 1/6W 5 TA26 |
| | | R543 | 0RD1000F608 | 100 1/6W 5 TA26 |
| | | R544 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | | R545 | 0RD2201F608 | 2.2K 1/6W 5 TA26 |
| | | R546 | 0RD5601F608 | 5.6K 1/6W 5 TA26 |
| | | R547 | 0RD1202F608 | 12K 1/6W 5 TA26 |
| | | R548 | 0RD1003F608 | 100K 1/6W 5 TA26 |
| | | R550 | 0RD2200F608 | 220 1/6W 5 TA26 |
| | | R553 | 0RD2200F608 | 220 1/6W 5 TA26 |
| | | R555 | 0RD2200F608 | 220 1/6W 5 TA26 |
| | | R556 | 0RD2202F608 | 22K 1/6W 5 TA26 |
| | | R557 | 0RD2702F608 | 27K 1/6W 5 TA26 |
| | | R558 | 0RD2202F608 | 22K 1/6W 5 TA26 |
| | | R559 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | | R560 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | | R561 | 0RD5600F608 | 560 1/6W 5 TA26 |
| | | R562 | 0RD5600F608 | 560 1/6W 5 TA26 |
| | | R563 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| | | R564 | 0RD2702F608 | 27K 1/6W 5 TA26 |
| | | R567 | 0RD1801F608 | 1.8K 1/6W 5 TA26 |
| | | R568 | 0RD6803F608 | 680K 1/6W 5 TA26 |
| | | R569 | 0RD1004F608 | 1.0M 1/6W 5 TA26(VS-J418EO) |
| | | R570 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | | R575 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | | R576 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | | R577 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | | R578 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | | R579 | 0RD5602F608 | 56K 1/6W 5 TA26 |
| | | R581 | 0RD6802F608 | 68K 1/6W 5 TA26 |
| | | R583 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| | | R586 | 0RD2201F608 | 2.2K 1/6W 5 TA26 |
| | | R589 | 0RD1004F608 | 1.0M 1/6W 5 TA26 |
| | | R590 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |

| S | AL | LOCA.NO | PART NO(GS) | SPECIFICATION |
|---|---|---|---|---|
| | | R5A1 | 0RD6802F608 | 68K 1/6W 5 TA26 |
| | | R5A2 | 0RD1003F608 | 100K 1/6W 5 TA26 |
| | | R5A3 | 0RD5602F608 | 56K 1/6W 5 TA26 |
| | | R5A4 | 0RD2202F608 | 22K 1/6W 5 TA26 |
| | | R5B1 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R5B3 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R5B4 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R5B5 | 0RD1000F608 | 100 1/6W 5 TA26 |
| | | R5C1 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R5C2 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R5C3 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R5C4 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R5C5 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R5C6 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R5C7 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R5C9 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| | | R5F0 | 0RD0102F608 | 10 1/6W 5 TA26 |
| | | R5F1 | 0RD0102F608 | 10 1/6W 5 TA26 |
| | | R5F2 | 0RD0152F608 | 15 1/6W 5 TA26 |
| | | R5F3 | 0RD0152F608 | 15 1/6W 5 TA26 |
| | | R5H2 | 0RD3300F608 | 330 1/6W 5 TA26 |
| | | R5K1 | 0RD1801F608 | 1.8K 1/6W 5 TA26 |
| | | R5K2 | 0RD1501F608 | 1.5K 1/6W 5 TA26 |
| | | R5K3 | 0RD2201F608 | 2.2K 1/6W 5 TA26 |
| | | R5K4 | 0RD2701F608 | 2.7K 1/6W 5 TA26 |
| | | R5K5 | 0RD3901F608 | 3.9K 1/6W 5 TA26 |
| | | R5K6 | 0RD6801F608 | 6.8K 1/6W 5 TA26 |
| | | R5K7 | 0RD1202F608 | 12K 1/6W 5 TA26 |
| | | R5P1 | 0RD3300F608 | 330 1/6W 5 TA26 |
| | | R5P2 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| | | R5P3 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| | | R5S2 | 0RD6801F608 | 6.8K 1/6W 5 TA26 |
| | | R5S3 | 0RD3300F608 | 330 1/6W 5 TA26 |
| | | R5T1 | 0RD1801F608 | 1.8K 1/6W 5 TA26 |
| | | R5X1 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R5X2 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R5X3 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R5X4 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R5X5 | 0RD1000F608 | 100 1/6W 5 TA26 |
| | | R5X6 | 0RD1000F608 | 100 1/6W 5 TA26 |
| | | R5X7 | 0RD1000F608 | 100 1/6W 5 TA26 |
| | | R5X8 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R5X9 | 0RD6802F608 | 68K 1/6W 5 TA26 |
| | | R704 | 0RD4700F608 | 470 1/6W 5 TA26 |
| | | R706 | 0RD2200F608 | 220 1/6W 5 TA26 |
| | | R707 | 0RD2200F608 | 220 1/6W 5 TA26 |
| | | R7C1 | 0RD4700F608 | 470 1/6W 5 TA26 |
| | | R7D1 | 0RD1000F608 | 100 1/6W 5 TA26 |
| | | R7M1 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R7M3 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R7M5 | 0RD2200F608 | 220 1/6W 5 TA26 |
| | | R7V4 | 0RD2201F608 | 2.2K 1/6W 5(VS-J418EO/J218EO) |
| | | R7V5 | 0RD1002F608 | 10K 1/6W 5(VS-J418EO/J218EO) |
| | | R7V6 | 0RD5601F608 | 5.6K 1/6W 5(VS-J418EO/J218EO) |
| | | R901 | 0RD0752F608 | 75 1/6W 5 TA26 |
| | | R902 | 0RD0752F608 | 75 1/6W 5 TA26 |
| | | R903 | 0RD5600F608 | 560 1/6W 5 TA26 |
| | | R904 | 0RD5600F608 | 560 1/6W 5 TA26 |
| | | R905 | 0RD5600F608 | 560 1/6W 5 TA26 |
| | | R906 | 0RD5600F608 | 560 1/6W 5 TA26 |
| | | R911 | 0RD0752F608 | 75 1/6W(VS-J418EO/J218EO) |
| | | R912 | 0RD0752F608 | 75 1/6W(VS-J418EO/J218EO) |
| | | R913 | 0RD5600F608 | 560 1/6W 5 TA26 |
| | | R914 | 0RD5600F608 | 560 1/6W 5 TA26 |
| | | R915 | 0RD5600F608 | 560 1/6W 5 TA26 |
| | | R916 | 0RD5600F608 | 560 1/6W 5 TA26 |
| | | R921 | 0RD8200F608 | 820 1/6W 5 TA26(VS-J200EO) |
| | | R922 | 0RD1001F608 | 1.0K 1/6W 5 TA26(VS-J200EO) |
| | | R933 | 0RD1202F608 | 12K 1/6W 5 TA26 |
| | | R934 | 0RD1002F608 | 10K 1/6W(VS-J418EO/J218EO) |
| | | R943 | 0RD1501F608 | 1.5K 1/6W(VS-J418EO/J218EO) |
| | | R947 | 0RD3300F608 | 330 1/6W 5 TA26 |
| | | R948 | 0RD3300F608 | 330 1/6W 5 TA26 |
| | | R949 | 0RD1000F608 | 100 1/6W 5 TA26 |
| | | R950 | 0RD1000F608 | 100 1/6W 5 TA26 |
| | | R9F3 | 0RD0752F608 | 75 1/6W(VS-J418EO/J218EO) |
| **REMOCON RECEIVER** | | | | |
| | | R/C5F1 | 6712R2938GA | TSOP1238SP1 TEMIC 29.6MM 37.9K |
| **SENSOR** | | | | |
| | | ES501 | 4931R-0016A | END |
| | | ES502 | 4931R-0016A | END |
| | | IC102 | 657-062B | PC123Y PHOTO-COUPLER(SARPH) |
| | OR | IC102 | 657-063A | LTV-817B,PHOTO COUPLER(LITEON) |
| | | LD501 | 4931R-0017A | LED |
| | | RS501 | 6500RAB002A | GP1S566 SHARP D-33 REEL SENSOR |
| | | RS502 | 6500RAB002A | GP1S566 SHARP D-33 REEL SENSOR |
| **SWITCH** | | | | |
| | OR | CS501 | 6600RDB004B | SPPB62042 ALPS UL 5V 0A HORIZO |
| | | CS501 | 6600RDB004C | MPU10252MLB4 MIC NON 5V 0.01A |
| | | MS501 | 6600RPY001B | MMS00420ZMBO MIC NON 5V 1MA VE |
| | | SW5A2 | 556-213C | SKHV10912A LGEC NON 12V 5A VER |
| | | SW5K1 | 556-282C | SKQNQED ALPS 5MM 12V/50MAV TAC |
| | | SW5K2 | 556-282C | SKQNQED ALPS 5MM 12V/50MAV TAC |
| | | SW5K3 | 556-282C | SKQNQED ALPS 5MM 12V/50MAV TAC |
| | | SW5K4 | 556-282C | SKQNQED ALPS 5MM 12V/50MAV TAC |
| | | SW5K5 | 556-282C | SKQNQED ALPS 5MM 12V/50MAV TAC |
| | | SW5K6 | 556-282C | SKQNQED ALPS 5MM 12V/50MAV TAC |
| | | SW5K7 | 556-282C | SKQNQED ALPS 5MM 12V/50MAV TAC |
| | | SW5K8 | 556-282C | SKQNQED ALPS 5MM 12V/50MAV TAC |
| | | SW5T1 | 556-213C | SKHV10912A LGEC NON 12V 5A VER |
| **TUNER** | | | | |
| | | TU701 | 6700RP3G01B | TCMB0600PD08C SS BG MONO 3IN1 |
| | OR | TU701 | 6700RP3L02B | TADC-G005D LGC&D BG MONO 3IN1 |
| **VARIABLE RESISTOR** | | | | |
| | | VR501 | 613-032W | RH063MCJ5R (220K) |
| **CRYSTAL** | | | | |
| | OR | X502 | 529-001B | 32.768KHZ 3*8,KDS |
| | | X502 | 529-001K | 32.768KHZ SEIKO |
| **RESONATOR** | | | | |
| | OR | X301 | 6202R1443AC | X-TAL 4.433709M 15PPM SER KJE |
| | OR | X301 | 6202R1443AD | 4.433709M 15PPM SER SUNNY |
| | | X301 | 6202R1443AE | TAEIL HC49U 4.433709MHZ 15PPM |





| S | AL | LOCA.NO | PART NO(GS) | SPECIFICATION |
|---|---|---|---|---|
| | OR | X501 | 6202R31001E | ATS TAEIL RADIAL 10.0000MHZ 30 |
| | | X501 | 6202R31001F | HC-49S KEUMSEOK RADIAL 10.0000 |
| | OR | X503 | 6202R31771E | ATS TAEIL RADIAL 17.734476MHZ |
| | | X503 | 6202R31771F | HC-49S KEUMSEOK RADIAL 17.7344 |
| | | X5F1 | 6212RT0004A | CST12.0MTW MURATA 12MHZ TP LC8 |
| | OR | X7V1 | 6202R31771E | ATS TAEIL (VS-J418EO/J218EO) |
| | | X7V1 | 6202R31771F | HC-49S (VS-J418EO/J218EO) |
| **ZENER DIODE** | | | | |
| | | ZD104 | 0DZ560009CA | MTZ5.6B TP ROHM-K |
| | | ZD151 | 0DZ130009AA | MTZ13A TP ROHM-K |
| | | ZD152 | 0DZ100009FA | MTZ10-C T-77 10V TP,ROHM/K |
| | | ZD153 | 0DZ130009AA | MTZ13A TP ROHM-K |
| | | ZD501 | 0DZ680009CA | MTZ6.8C TP ROHM-K |
| | | ZD503 | 0DZ680009CA | MTZ6.8C TP ROHM-K |
| | | ZD701 | 0DZ330009AF | MTZ33B,TP,ROHM-K |
| | | ZD9F1 | 0DZ620009AA | MTZ6.2B (VS-J418EO/J218EO) |
| | | ZD9F2 | 0DZ620009AA | MTZ6.2B (VS-J418EO/J218EO) |
| | | ZD9F5 | 0DZ130009AA | MTZ13A (VS-J418EO/J218EO) |
| | | ZD9F6 | 0DZ130009AA | MTZ13A (VS-J418EO/J218EO) |

# MEMO



# SECTION 5 REPLACEMENT PARTS LIST

## · Mechanical Section

RUN DATE : 99.06.18
**NSP: Not Service Part**

| S | AL | LOCA.NO | PART NO(GS) | DESCRIPTION | SPECIFICATION | REMARKS |
|---|---|---|---|---|---|---|
| | | | | **ASSEMBLY PARTS SECTION** | | |
| | | A00 | 6721R-0152A | DECK ASSY | D33 (4HF, PAL, JOG) | |
| | | A01 | 6723R-0103D | DRUM ASSY | D33-6CH PAL (5P6) | |
| | OR | A01 | 6723R-D103D | DRUM(CIRC) ASSY | D33-6CH PAL (5P6) | |
| | | A02 | 4261R-0012A | ARM ASSY! | T/UP | |
| | | A03 | 4261R-0003A | ARM ASSY! | CLEANER | |
| | | A04 | 4811R-0011A | BRACKET ASSY | L/D MOTOR | |
| | | A11 | 4470R-0028A | GEAR | ASSY P3 | |
| | | A12 | 4470R-0026A | GEAR | ASSY P2 | |
| | | A13 | 4811R-0012A | BRACKET ASSY | JOG | |
| | | A14 | 4421R-0005B | BRAKE ASSY | CAPSTAN | |
| | | A21 | 4931R-0015A | HOLDER ASSY | CST | |
| | | A22 | 4811R-0014A | BRACKET ASSY | DOOR | |
| | | A23 | 4261R-0010A | ARM ASSY! | F/L | |
| | | A24 | 4510R-0019A | LEVER | ASSY SWITCH | |
| | | | | **PARTS SECTION** | | |
| | | 001 | 6723R-0106D | DRUM ASSY | SUB D33-6CH PAL (5P6) | |
| | | 002 | 4680RB0004A | MOTOR(MECH) | DRUM F2OEL-81 SANKYO D33 | |
| | OR | 002 | 4680RB0005A | MOTOR(MECH) | DRUM GVD-033A LGEC D33 | |
| | | 003 | 4930R-0108A | HOLDER | FPC(6CH) | |
| | | 004 | 5006R-0014A | CAP | FPC | |
| | | 005 | 276-100A | CAP | A CLEANER | NSP |
| | | 006 | 434-242A | ROLLER | CLEANER | NSP |
| | | 007 | 4260R-0009A | ARM | CLEANER | NSP |
| | | 008 | 4970R-0043A | SPRING | T/UP | |
| | | 009 | 4260R-0011A | ARM | T/UP | |
| | | 010 | 4770R-0004A | BAND (MECH) | ASSY TENSION | |
| | | 011 | 4261R-0004A | ARM ASSY! | TENSION | |
| | | 012 | 3041R-0003A | BASE ASSY | P2 | |
| | OR | 012 | 3041R-0003B | BASE ASSY | P2 (D/C) | |
| | | 013 | 3041R-0004A | BASE ASSY | P3 | |
| | OR | 013 | 3041R-0004B | BASE ASSY | P3(D/C) | |
| | | 014 | 3041R-0007A | BASE ASSY | P4 | |
| | | 015 | 5870R-0001A | OPENER | L/D | |
| | | 016 | 3041R-0005A | BASE ASSY | A/C HEAD(LGEC) | |
| | | 017 | 4408R-0001A | REEL | S | |
| | | 018 | 4970R-0054A | SPRING | SB | |
| | | 019 | 4421R-0003A | BRAKE ASSY | S | |
| | | 020 | 4970R-0053A | SPRING | TB | |
| | | 021 | 4421R-0004A | BRAKE ASSY | T | |
| | | 022 | 523-833B | HEAD | FE D33 . LG C&D/ST | |
| | | 023 | 4980R-0010A | SUPPORTER | CST | |
| | | 024 | 4261R-0009A | ARM ASSY! | IDLER-J | |
| | | 025 | 4810R-0053A | BRACKET | L/D MOTOR | NSP |
| | | 026 | 4681R-0007A | MOTOR ASSY | L/D | NSP |
| | | 027 | 4470R-0025A | GEAR | WHEEL | NSP |
| | | 028 | 4408R-0002A | REEL | T | |
| | | 029 | 4261R-0011A | ARM ASSY! | PINCH (MOLD BEARING) | |

RUN DATE : 99.06.18
NSP: Not Service Part

| S | AL | LOCA.NO | PART NO(GS) | DESCRIPTION | SPECIFICATION | REMARKS |
|---|---|---|---|---|---|---|
| | | 031 | 4970R-0052A | SPRING | TENSION | |
| | | 032 | 3141R-0002A | CHASSIS ASSY | D33 | NSP |
| | | 051 | 4400R-0005A | BELT | CAPSTAN | |
| | OR | 052 | 4680RA0002A | MOTOR(MECH) | CAPSTAN F2QSB SANKYO D33 | |
| | | 052 | 4680RA0003A | MOTOR(MECH) | CAPSTAN GVC-033A LGEC D33 | |
| | | 053 | 4974R-0018A | GUIDE | RACK F/L | |
| | | 054 | 4470R-0037A | GEAR | RACK F/L | |
| | | 055 | 4470R-0033A | GEAR | DRIVE | |
| | | 056 | 4470R-0032A | GEAR | CAM | |
| | | 057 | 4470R-0036B | GEAR | CONNECT | |
| | | 058 | 4420R-0005A | BRAKE | CAPSTAN | |
| | | 059 | 4970R-0059A | SPRING | CAPSTAN | |
| | | 060 | 4510R-0025A | LEVER | F/R | |
| | | 061 | 4265R-0002A | CLUTCH ASSY | D33 | |
| | | 062 | 4470R-0044A | GEAR | ASSY UP/D | |
| | | 063 | 4970R-0051A | SPRING | UP/D | |
| | | 064 | 4470R-0034A | GEAR | SECTOR | |
| | | 065 | 4510R-0016A | LEVER | P3 | NSP |
| | | 066 | 4970R-0046A | SPRING | L/D | NSP |
| | | 067 | 4470R-0029A | GEAR | P3 | NSP |
| | | 068 | 4470R-0027A | GEAR | P2 | NSP |
| | | 069 | 4970R-0046A | SPRING | L/D | NSP |
| | | 070 | 4510R-0015A | LEVER | P2 | NSP |
| | | 071 | 4810R-0054A | BRACKET | JOG | NSP |
| | | 072 | 4510R-0017A | LEVER | JOG | NSP |
| | | 073 | 4510R-0018A | LEVER | SLOW | NSP |
| | | 074 | 4970R-0049A | SPRING | JOG | NSP |
| | | 075 | 4470R-0031A | GEAR | JOG | NSP |
| | | 076 | 4260R-0017A | ARM | JOG | NSP |
| | | 077 | 3300R-0157A | PLATE | SLIDER | |
| | | 078 | 4510R-0022A | LEVER | TENSION | |
| | | 079 | 3040R-0018A | BASE | TENSION | |
| | | 100 | 3301R-0029A | PLATE ASSY | TOP | |
| | | 101 | 4810R-0056A | BRACKET | SIDE(L) | |
| | | 102 | 4510R-0023A | LEVER | STOPPER(L) | NSP |
| | | 103 | 4930R-0099A | HOLDER | SIDE(L) | NSP |
| | | 104 | 4974R-0019A | GUIDE | CST | |
| | | 105 | 4930R-0098A | HOLDER | CST | |
| | | 106 | 4930R-0100A | HOLDER | SIDE(R) | NSP |
| | | 107 | 4510R-0024A | LEVER | STOPPER(R) | NSP |
| | | 108 | 4810R-0055A | BRACKET | SIDE(R) | NSP |
| | | 109 | 5870R-0002A | OPENER | DOOR | NSP |
| | | 110 | 4260R-0018A | ARM | F/L(L) | NSP |
| | | 111 | 4970R-0055A | SPRING | F/L(L) | NSP |
| | | 112 | 3070R-0001A | BODY | F/L | NSP |
| | | 113 | 4970R-0056A | SPRING | F/L(R) | NSP |
| | | 114 | 4260R-0019A | ARM | F/L(R) | NSP |
| | | 115 | 4970R-0050A | SPRING | SWITCH | |
| | | 116 | 4510R-0020A | LEVER | SWITCH | |
| | | | | **SCREW** | | |
| | | 401 | 1MPK0261418 | PAN HEAD MACHINE SCREW +,- | + D2.6 L4.0 MSWR3 / FZY | |
| | | 406 | 1MEC0302018 | PAN HEAD MACHINE SCREW S/W + | D3.0 L6.0 MSWR3/FZY | |
| | | 407 | 1APF0201718 | SCREW TAP TITE(B),PAN HEAD | + D2.0 L5.0 MSWR3/FZY | |



RUN DATE : 99.06.18
NSP: Not Service Part

| S | AL | LOCA.NO | PART NO(GS) | DESCRIPTION | SPECIFICATION | REMARKS |
|---|---|---|---|---|---|---|
| | | 409 | 1MGC0302418 | PAN HEAD MACN SCREW S/P WASH + | D3.0 L8.0 MSWR3/FZY | |
| | | 410 | 1APF0262218 | SCREW TAP TITE(B),PAN HEAD | + D2.6 L6.8 MSWR3/FZY | |
| | | 426 | 1MPC0302018 | PAN HEAD MACHINE SCREW +! | D3.0 L6.0 MSWR3/FZY | |
| | | | | **NUT, WASHER** | | |
| | | 504 | 354-001B | WASHER | P.S D3.1XD6X0.5T | |
| | | 517 | 1WZZR-0004B | WASHER | STOPPER | |
| | | 518 | 1WZZR-0004A | WASHER | STOPPER | |

## · Cabinet & Main Frame Section

RUN DATE : 99.06.18
NSP: Not Service Part

| S | AL | LOCA.NO | PART NO(GS) | DESCRIPTION | SPECIFICATION | REMARKS |
|---|---|---|---|---|---|---|
| | | | | **ASSEMBLY PARTS SECTION** | | |
| | | A43 | 3721R-F108D | PANEL ASSY,FRONT[NORMAL PARTS] | VS-J701EO-D | |
| | | A43 | 3721R-F108E | PANEL ASSY,FRONT[NORMAL PARTS] | VS-J701EO-DN | |
| | | A49 | 6871R-1240A | PWB(PCB) ASSY | TIMER(AKAI,0PNL) | |
| | | | | **PARTS SECTION** | | |
| | | 250 | 3110R-0128K | CASE | TOP(N911G:M/G),SIDE | |
| | | 260 | 3210R-0023B | FRAME | MAIN (VII-PJT, 60HR) | NSP |
| | | 275 | 4930R-0133A | HOLDER | DIGITRON(UP-MONO) | |
| | | 280 | 3720R-F080B | PANEL | FRONT | NSP |
| | | 283 | 3580R-0043D | DOOR | CST(VS-J701EO-D ) | |
| | | 283 | 3580R-0043E | DOOR | CST(VS-J701EO-DN) | |
| | | 284 | 442-681A | SPRING | DOOR | |
| | | 300 | 6410RCHV02A | POWER CORD | H03VVH2-F2 X 0.75MM FILTER VOL | |
| | | 320 | 3721R-D023E | PANEL ASSY,DISTRIBUTOR[NORMAL | AF-PAL HI-FI-2SCART -PREMERE | |
| | | 323 | 3111R-0089B | CASE ASSY | PRE-AMP (PBSB-SH) | |
| | | 330 | 3550R-0210A | COVER | BOTTOM(LARGE) | |
| | | | | **SCREW** | | |
| | | 452 | 353-051A | SCREW | SPECIAL | |
| | | 457 | 353-051E | SCREW | SPECIAL (3X12) | |
| | | 462 | 353-136A | SCREW | SPECIAL(FBK) (353S353A) | |

## · Packing Accessory Section

RUN DATE : 99.06.18
**NSP: Not Service Part**

| S | AL | LOCA.NO | PART NO(GS) | DESCRIPTION | SPECIFICATION | REMARKS |
|---|---|---|---|---|---|---|
| | | 801 | 3835RP0037Q | INSTRUCTION ASSY | (VS-J718EO-D ) :GERMANY | |
| | | 801 | 3835RP0037R | INSTRUCTION ASSY | (VS-J718EO-DN) :FINLAND | |
| | | 801 | 3835RP0037S | INSTRUCTION ASSY | (VS-J718EO-DN) :NETHERLAND | |
| | | 802 | 3890R-H392A | BOX | (VS-J718EO-DN)FINLA/NETHERLAND | |
| | | 802 | 3890R-H400A | BOX | (VS-J718EO-D N) :GERMANY | |
| | | 802 | 3890R-H400B | BOX | (VS-J718EO-D N) :GERMANY | |
| | | 803 | 3920R-0075A | PACKING | AK219I 0.02 1 EPS 1 1 1 | |
| | OR | 804 | 292-053A | BAG | SOFT(VCP) | NSP |
| | | 804 | 3858R-0006A | SHEET | ROLL(W630XL300MX0.5T) | NSP |
| | | 808 | 534-002C | BATTERY | 1.5V AAM UM-3 LOL 1PAIR | |
| | | 810 | 861-505J | CABLE SET ASSY | RF-CABLE ASSY PAL FTZ | |

## · Remote Control Section

RUN DATE : 99.06.18
**NSP: Not Service Part**

| S | AL | LOCA.NO | PART NO(GS) | DESCRIPTION | SPECIFICATION | REMARKS |
|---|---|---|---|---|---|---|
| | | 900 | 6711R2P017A | REMOTE CONTROLLER ASSY | (A1:RC-Y171E RC-Z122E) | |



## · Electrical Section

RUN DATE : 99.06.18

**CAUTION:** The * marks in the parts list designate components which have special characteristics important for safety and should be replaced only with types identical to those in the original circuit or specified in the parts list. Before replacing any of these components, read carefully the SAFETY PRECAUTIONS and SERVICING PRECAUTIONS in the manual. Do not degrade the safety of the unit through improper servicing.

**Tolerance**

| Symbol | C | J | K | M | N | Z | P | A |
|---|---|---|---|---|---|---|---|---|
| % | ±2 | ±5 | ±10 | ±20 | ±30 | +80<br>-20 | +100<br>-10 | +100<br>-10 |

CC, CJ, CK: Capacitor, Ceramic
CE: Capacitor, Electrolytic
CQ: Capacitor, Polyester

| S | AL | LOCA.NO | PART NO(GS) | SPECIFICATION |
|---|---|---|---|---|
| | | | **CAPACITOR** | |
| | | C101 | 624-088H | PCX2 0.1UF/275VAC R T/P |
| | | C102 | 624-088H | PCX2 0.1UF/275VAC R T/P |
| | | C103 | 624-082F | CE 68UF/400V SHLVN |
| | | C105 | 0CQ1031Y519 | 0.01UF D 630V K PE NI TP |
| | | C106 | 624-087B | HIGH-VOL 100P/1KV SMPS SAMHWA |
| | | C109 | 0CE336BH638 | 33UF KME 25V M FM5 TP5 |
| | | C111 | 0CN223AK948 | 0.022UF 50V Z F TA26 S |
| | | C112 | 0CG3320U630 | 3300 PF 400V M E R(NK,AD,SD) |
| | | C113 | 0CG2210U610 | 220 PF 400V M B R(NK,AD,SD) |
| | | C114 | 0CQ4732K409 | 0.047UF S 50V J PE TP |
| | | C115 | 624-085D | CE 47UF/50V KME (SMPS) |
| | | C116 | 0CE108BF638 | 1000UF KME TYPE 16V M FM5 TP 5 |
| | | C117 | 0CE477CF638 | 470UF SHL TYPE 16V M FM5 TP 5 |
| | | C118 | 0CE2276D638 | 220M SMS 10V M FM5 TP(5) |
| | | C119 | 624-085D | CE 47UF/50V KME (SMPS) |
| | | C120 | 0CE477BH638 | 470UF KME 25V M FM5 TP5 |
| | | C121 | 624-082G | CE 470UF/25V SHL(10*12.5)T/P |
| | | C122 | 0CN223AK948 | 0.022UF 50V Z F TA26 S |
| | | C124 | 0CE4754K638 | 4.7M SRA 50V M FM5 TP(5) |
| | | C151 | 0CE4754K638 | 4.7M SRA 50V M FM5 TP(5) |
| | | C152 | 0CE4754K638 | 4.7M SRA 50V M FM5 TP(5) |
| | | C153 | 0CE4754K638 | 4.7M SRA 50V M FM5 TP(5) |
| | | C155 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C156 | 0CE1054K638 | 1.0M SRA/SS50V M FM5 TP(5) |
| | | C157 | 0CE1054K638 | 1.0M SRA/SS50V M FM5 TP(5) |
| | | C159 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C218 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C220 | 0CN223AK948 | 0.022UF 50V Z F TA26 S |
| | | C301 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C303 | 0CE1054K638 | 1.0M SRA/SS50V M FM5 TP(5) |
| | | C304 | 0CE2274C638 | 220M SRA 6.3V M FM5 TP(5) |
| | | C305 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C306 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C307 | 0CX2700K408 | 27P 50V J SL TA26 |
| | | C309 | 0CN3310K518 | 330P 50V K B TA26 |
| | | C310 | 0CE4754K638 | 4.7M SRA 50V M FM5 TP(5) |
| | | C311 | 0CN1810K518 | 180P 50V K B TA26 |
| | | C312 | 0CX2200K408 | 22P 50V J SL TP26 |
| | | C313 | 0CN1010K418 | 100PF 50V J B TA26 |
| | | C314 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C315 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C316 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C317 | 0CN1030F678 | 0.01M 16V M Y TA26 |

| S | AL | LOCA.NO | PART NO(GS) | SPECIFICATION |
|---|---|---|---|---|
| | | C318 | 0CE2254K638 | 2.2M SRA 50V M FM5 TP(5) |
| | | C319 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C320 | 0CN1050K948 | 1UF 50V Z F TA26 D |
| | | C322 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C323 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C324 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C325 | 0CN1050K948 | 1UF 50V Z F TA26 D |
| | | C326 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C327 | 0CE1063F638 | 10M SRE/SE 16V M FM5 TP(5) |
| | | C328 | 0CN223AK948 | 0.022UF 50V Z F TA26 S |
| | | C329 | 0CN223AK948 | 0.022UF 50V Z F TA26 S |
| | | C330 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C331 | 0CE2274C638 | 220M SRA 6.3V M FM5 TP(5) |
| | | C332 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C333 | 0CN223AK948 | 0.022UF 50V Z F TA26 S |
| | | C334 | 0CN223AK948 | 0.022UF 50V Z F TA26 S |
| | | C335 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C336 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C337 | 0CE4754K638 | 4.7M SRA 50V M FM5 TP(5) |
| | | C338 | 0CN223AK948 | 0.022UF 50V Z F TA26 S |
| | | C339 | 0CE4754K638 | 4.7M SRA 50V M FM5 TP(5) |
| | | C340 | 0CN3330K518 | 0.033UF 50V K B TA26 |
| | | C341 | 0CN223AK948 | 0.022UF 50V Z F TA26 S |
| | | C342 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C343 | 0CN4730K948 | 0.047M 50V Z F TA26 |
| | | C344 | 0CN223AK948 | 0.022UF 50V Z F TA26 S |
| | | C346 | 0CE2274C638 | 220M SRA 6.3V M FM5 TP(5) |
| | | C348 | 0CE1054K638 | 1.0M SRA/SS50V M FM5 TP(5) |
| | | C350 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C351 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C352 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C353 | 0CX2700K408 | 27P 50V J SL TA26 |
| | | C354 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C355 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C356 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C358 | 0CE1054K638 | 1.0M SRA/SS50V M FM5 TP(5) |
| | | C363 | 0CX3900K408 | 39P 50V J SL TA26 |
| | | C367 | 0CN4730K948 | 0.047M 50V Z F TA26 |
| | | C368 | 0CN1020K518 | 1000P 50V K B TA26 |
| | | C369 | 0CN223AK948 | 0.022UF 50V Z F TA26 S |
| | | C370 | 0CN1810K518 | 180P 50V K B TA26 |
| | | C372 | 0CN8200K518 | 82PF 50V K B TA26 |
| | | C374 | 0CN223AK948 | 0.022UF 50V Z F TA26 S |
| | | C375 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C376 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |

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| S | AL | LOCA.NO | PART NO(GS) | SPECIFICATION |
|---|---|---|---|---|
| | | C3A1 | 0CN223AK948 | 0.022UF 50V Z F TA26 S |
| | | C3B1 | 0CN3330K518 | 0.033UF 50V K B TA26 |
| | | C401 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C402 | 0CN223AK948 | 0.022UF 50V Z F TA26 S |
| | | C403 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C405 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C406 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C408 | 0CQ1532K409 | 0.015UF S 50V J PE TP |
| | | C410 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C412 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C413 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C414 | 0CQ1032K409 | 0.01UF S 50V J PE TP |
| | | C415 | 0CE2264F638 | 22M SRA 16V M FM5 TP(5) |
| | | C416 | 0CN2220F668 | 2200P 16V M X TA26 |
| | | C417 | 0CN1220F668 | 1200P 16V M X TA26 |
| | | C418 | 0CQ1532K409 | 0.015UF S 50V J PE TP |
| | | C419 | 0CQ1032K409 | 0.01UF S 50V J PE TP |
| | | C420 | 0CE4765K618 | 47UF SR,SV 50V M FL TP 5 |
| | | C421 | 0CQ2232L559 | 0.022UF S 63V K PP NI TP5 |
| | | C423 | 0CE4754K638 | 4.7M SRA 50V M FM5 TP(5) |
| | | C424 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C431 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C466 | 0CE3354K638 | 3.3M SRA 50V M FM5 TP(5) |
| | | C467 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C500 | 624-074A | SUPER CAP 0.047F/5.5V T/P S/S |
| | | C501 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C502 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C503 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C504 | 0CE2274C638 | 220M SRA 6.3V M FM5 TP(5) |
| | | C505 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C506 | 0CN223AK948 | 0.022UF 50V Z F TA26 S |
| | | C507 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C508 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C509 | 0CN223AK948 | 0.022UF 50V Z F TA26 S |
| | | C510 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C512 | 0CN1810K518 | 180P 50V K B TA26 |
| | | C513 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C514 | 0CC1800K415 | 18P 50V J NP0 TS |
| | | C515 | 0CC1800K415 | 18P 50V J NP0 TS |
| | | C516 | 0CN223AK948 | 0.022UF 50V Z F TA26 S |
| | | C518 | 0CC3300K415 | 33P 50V J NP0 TP |
| | | C519 | 0CC3900K415 | 39P 50V J NPO TP |
| | | C520 | 0CN1020K518 | 1000P 50V K B TA26 |
| | | C521 | 0CN223AK948 | 0.022UF 50V Z F TA26 S |
| | | C522 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C524 | 0CE3364F638 | 33M SRA 16V M FM5 TP(5) |
| | | C525 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C526 | 0CE4764H638 | 47M SRA 25V M FM5 TP(5) |
| | | C527 | 0CN1810K518 | 180P 50V K B TA26 |
| | | C528 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C529 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C530 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C532 | 0CN223AK948 | 0.022UF 50V Z F TA26 S |
| | | C533 | 0CN1020K518 | 1000P 50V K B TA26 |
| | | C534 | 0CE4754K638 | 4.7M SRA 50V M FM5 TP(5) |
| | | C535 | 0CE4754K638 | 4.7M SRA 50V M FM5 TP(5) |
| | | C536 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C537 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C540 | 0CQ3332K409 | 0.033UF S 50V J PE TP |
| | | C541 | 0CE4754K638 | 4.7M SRA 50V M FM5 TP(5) |
| | | C542 | 0CN6810K518 | 680P 50V K B TA26 |
| | | C543 | 0CN2220F668 | 2200P 16V M X TA26 |

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|---|---|---|---|---|
| | | C544 | 0CQ4732K409 | 0.047UF S 50V J PE TP |
| | | C545 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C546 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C551 | 0CQ3332K409 | 0.033UF S 50V J PE TP |
| | | C552 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C561 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C564 | 0CN3310K518 | 330P 50V K B TA26 |
| | | C567 | 0CN1020K518 | 1000P 50V K B TA26 |
| | | C570 | 0CC1800K415 | 18P 50V J NP0 TS |
| | | C571 | 0CC1800K415 | 18P 50V J NP0 TS |
| | | C574 | 0CN1020K518 | 1000P 50V K B TA26 |
| | | C575 | 0CN1020K518 | 1000P 50V K B TA26 |
| | | C576 | 0CC1500K415 | 15P 50V J NP0 TS |
| | | C577 | 0CC1200K415 | 12P 50V J NP0 TS |
| | | C578 | 0CN1220F668 | 1200P 16V M X TA26 |
| | | C581 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C582 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C588 | 0CE4754K638 | 4.7M SRA 50V M FM5 TP(5) |
| | | C596 | 0CN223AK948 | 0.022UF 50V Z F TA26 S |
| | | C5F4 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C5F7 | 0CN1050K948 | 1UF 50V Z F TA26 D |
| | | C5F8 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C5P1 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C5P2 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C5S1 | 0CX4300K408 | 43P 50V J SL TA26 |
| | | C5S2 | 0CN223AK948 | 0.022UF 50V Z F TA26 S |
| | | C5X2 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C701 | 0CE4754K638 | 4.7M SRA 50V M FM5 TP(5) |
| | | C702 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C703 | 0CE4754K638 | 4.7M SRA 50V M FM5 TP(5) |
| | | C704 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C705 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C706 | 0CE477CF638 | 470UF SHL TYPE 16V M FM5 TP 5 |
| | | C707 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C710 | 0CX4300K408 | 43P 50V J SL TA26 |
| | | C712 | 0CX5R60K508 | 5.6PF 50V K SL TA26 |
| | | C752 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C753 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C754 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C755 | 0CQ1032K409 | 0.01UF S 50V J PE TP |
| | | C756 | 0CQ1032K409 | 0.01UF S 50V J PE TP |
| | | C757 | 0CQ1032K409 | 0.01UF S 50V J PE TP |
| | | C758 | 0CQ1032K409 | 0.01UF S 50V J PE TP |
| | | C759 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C760 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C761 | 0CE3354K638 | 3.3M SRA 50V M FM5 TP(5) |
| | | C762 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C763 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C764 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C765 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C766 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C767 | 0CX5600K408 | 56P 50V J SL TA26 |
| | | C768 | 0CX5600K408 | 56P 50V J SL TA26 |
| | | C769 | 0CC0300K015 | 3P 50V C NP0 TS |
| | | C770 | 0CC0300K015 | 3P 50V C NP0 TS |
| | | C771 | 0CQ3921N409 | 0.0039U 100V J POLY TP |
| | | C772 | 0CQ3921N409 | 0.0039U 100V J POLY TP |
| | | C773 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C774 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C775 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C776 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C7M1 | 0CN1010K418 | 100PF 50V J B TA26 |



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|---|---|---|---|---|
| | | C7M2 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C7M3 | 0CX4300K408 | 43P 50V J SL TA26 |
| | | C7M8 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C7M9 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C7V1 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C7V2 | 0CN1050K948 | 1UF 50V Z F TA26 D |
| | | C7V3 | 0CC1200K415 | 12P 50V J NP0 TS |
| | | C7V4 | 0CC1200K415 | 12P 50V J NP0 TS |
| | | C7V5 | 0CQ5632K409 | 0.0560UF S 50V J PE TP |
| | | C7V6 | 0CE4754K638 | 4.7M SRA 50V M FM5 TP(5) |
| | | C7V7 | 0CE1054K638 | 1.0M SRA/SS50V M FM5 TP(5) |
| | | C7V8 | 0CE1054K638 | 1.0M SRA/SS50V M FM5 TP(5) |
| | | C801 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C804 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C805 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C806 | 0CE4754K638 | 4.7M SRA 50V M FM5 TP(5) |
| | | C807 | 0CE4754K638 | 4.7M SRA 50V M FM5 TP(5) |
| | | C808 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C809 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C810 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C811 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C813 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C814 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C815 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C816 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C817 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C818 | 0CE4754K638 | 4.7M SRA 50V M FM5 TP(5) |
| | | C819 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C820 | 0CQ6822K409 | 6800PF S 50V J PE TP |
| | | C821 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C822 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C823 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C824 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C825 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C826 | 0CQ6822K409 | 6800PF S 50V J PE TP |
| | | C827 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C828 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C830 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C831 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C832 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C835 | 0CE4744K638 | 0.47M SRA 50V M FM5 TP(5) |
| | | C901 | 0CN1020K518 | 1000P 50V K B TA26 |
| | | C902 | 0CE477CF638 | 470UF SHL TYPE 16V M FM5 TP 5 |
| | | C903 | 0CN1020K518 | 1000P 50V K B TA26 |
| | | C904 | 0CN1020K518 | 1000P 50V K B TA26 |
| | | C905 | 0CX1000K408 | 10P 50V J SL TA26 |
| | | C906 | 0CX1000K408 | 10P 50V J SL TA26 |
| | | C908 | 0CN1020K518 | 1000P 50V K B TA26 |
| | | C911 | 0CN1020K518 | 1000P 50V K B TA26 |
| | | C912 | 0CE477CF638 | 470UF SHL TYPE 16V M FM5 TP 5 |
| | | C918 | 0CN1020K518 | 1000P 50V K B TA26 |
| | | C923 | 0CN1020K518 | 1000P 50V K B TA26 |
| | | C924 | 0CN1020K518 | 1000P 50V K B TA26 |
| | | C941 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C942 | 0CE1054K636 | 1.0U SRA 50V M FM5 BP TP(D) |
| | | C948 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C949 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C950 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C951 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C953 | 0CN8200K518 | 82PF 50V K B TA26 |
| | | C955 | 0CX4300K408 | 43P 50V J SL TA26 |
| | | C9F1 | 0CN1020K518 | 1000P 50V K B TA26 |

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|---|---|---|---|---|
| | | C9F2 | 0CN1020K518 | 1000P 50V K B TA26 |
| | | CF01 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | CF02 | 0CN4720F668 | 4700P 16V M X TA26 |
| | | CF03 | 0CN1020K518 | 1000P 50V K B TA26 |
| | | CF04 | 0CN1020K518 | 1000P 50V K B TA26 |
| | | CF05 | 0CN1020K518 | 1000P 50V K B TA26 |
| | | CF06 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | CF07 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | ZD902 | 0CX2200K408 | 22P 50V J SL TP26 |

## DIODE

| | | | | |
|---|---|---|---|---|
| | | BD101 | 0DD160000DA | S1WBA60(1A 600V) SHIDENKEN |
| | OR | D102 | 0DD010009CA | EG01CW(R-FORM 5MM) TP SANKEN |
| | | D102 | 0DD221009AA | ERA22-10 KFLB,TP ,R T/P,FUJI |
| | | D104 | 0DD010009AC | EU01W(R-FORM) TP SANKEN |
| | | D105 | 0DD010009AC | EU01W(R-FORM) TP SANKEN |
| | | D106 | 0DR810040BA | ERC81-004L22 BK FUJI DO201AD 4 |
| | | D107 | 0DR180209AA | ERA18-02KFRB TP FUJI DO204AL 2 |
| | | D108 | 0DD010009AC | EU01W(R-FORM) TP SANKEN |
| | | D109 | 0DD400000AD | RU4YXLF(015-305) M20 SANKEN |
| | | D151 | 0DD133009AA | 1SS133 DETECT,SW TP |
| | OR | D152 | 0DD400309AB | IN4003A(1SR35-200A)5M/M TP ROH |
| | | D152 | 0DR104009AB | RL104 R TP GULF SEMICONDUCTOR |
| | OR | D154 | 0DD400309AB | IN4003A(1SR35-200A)5M/M TP ROH |
| | | D154 | 0DR104009AB | RL104 R TP GULF SEMICONDUCTOR |
| | OR | D155 | 0DD400309AB | IN4003A(1SR35-200A)5M/M TP ROH |
| | | D155 | 0DR104009AB | RL104 R TP GULF SEMICONDUCTOR |
| | | D301 | 0DD133009AA | 1SS133 DETECT,SW TP |
| | | D302 | 0DD133009AA | 1SS133 DETECT,SW TP |
| | | D502 | 0DD133009AA | 1SS133 DETECT,SW TP |
| | | D509 | 0DD133009AA | 1SS133 DETECT,SW TP |
| | | D751 | 0DD400309AB | IN4003A(1SR35-200A)5M/M TP ROH |
| | | DJ03 | 0DD133009AA | 1SS133 DETECT,SW TP |
| | | DJ06 | 0DD133009AA | 1SS133 DETECT,SW TP |
| | | DJ09 | 0DD133009AA | 1SS133 DETECT,SW(VS-J718EO-DN) |
| | | DJ10 | 0DD133009AA | 1SS133 DETECT,SW TP |
| | | DJ19 | 0DD133009AA | 1SS133 DETECT,SW TP |
| | | DJ22 | 0DD133009AA | 1SS133 DETECT,SW TP |

## LEVEL METER

| | | | | |
|---|---|---|---|---|
| | | DIG5F1 | 6302R1P003B | 7-MT-233GK AKAI MONO FUTABA PA |

## FUSE

| | | | | |
|---|---|---|---|---|
| | OR | F101 | 585-011C | T 1.6A 250V S506 |
| | | F101 | 585-011T | 1600MA 250 V 5.2X20 CY/GL SEMK |

## FILTER

| | | | | |
|---|---|---|---|---|
| | | L102 | 616-145H | SHT LFS2020V4-04350 |

## IC

| | | | | |
|---|---|---|---|---|
| | | F103 | 0IRH100000B | ICP-N10 T104 TP IC DETACT |
| | | IC101 | 0ISK615300A | STR-G6153T 5PIN FM CUT BK PWM |
| | | IC103 | 0IKE431000A | KIA431 3 PIN TP |
| | OR | IC103 | 0ISS431000A | KA431AZ (LM431AZ) |
| | | IC301 | 0ISA715910A | LA71591M 100QFP BK AVCP 1CHIP |
| | | IC501 | 0IGS397766A | GMS3977RA-A66F 100QFP BK MICOM |
| | | IC502 | 0ISS308200A | KA3082 10-SIP BK MOTOR DRIVE |
| | | IC503 | 0IAL241600B | AT24C16-10PC 8D EEPROM 16K |
| | | IC504 | 0IKE703100A | KIA7031P 3P 3.1V RESET(TAPING) |

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| S | AL | LOCA.NO | PART NO(GS) | SPECIFICATION |
|---|---|---|---|---|
| | | BC102 | 636-004C | BEAD CORE BFS3550R2FD8,R T/P |
| | | L103 | 633-088G | CHOCK(22MH) TP 5MM |
| | | L104 | 633-088G | CHOCK(22MH) TP 5MM |
| | | L105 | 0LA1000K018 | 100M K 2.3X3.4 L5 TP |
| | | L301 | 0LR0102K0P5 | LF7.5N OEL 10UH 10% TP 4.8X4.0 |
| | | L302 | 0LA0562K018 | 56M K 2.3X3.4 L5 TP |
| | | L303 | 0LA0332K018 | 33M K 2.3X3.4 L5 TP |
| | | L304 | 0LR1000K0P5 | LF7.5N OEL 100UH 10% TP 4.8X4 |
| | | L306 | 0LR1000K0P5 | LF7.5N OEL 100UH 10% TP 4.8X4 |
| | | L307 | 0LR1000K0P5 | LF7.5N OEL 100UH 10% TP 4.8X4 |
| | | L308 | 0LA0122K018 | 12M K 2.3X3.4 L5 TP |
| | | L309 | 0LR1000K0P5 | LF7.5N OEL 100UH 10% TP 4.8X4 |
| | | L401 | 0LA0821K018 | 8.2M K 2.3X3.4 L5 TP |
| | | L402 | 0LR6801J045 | 6800U J 6X7 L5 TP |
| | | L405 | 0LR0102K0P5 | LF7.5N OEL 10UH 10% TP 4.8X4.0 |
| | | L502 | 0LR1000K0P5 | LF7.5N OEL 100UH 10% TP 4.8X4 |
| | | L503 | 0LA1000K018 | 100M K 2.3X3.4 L5 TP |
| | | L505 | 0LR1000K0P5 | LF7.5N OEL 100UH 10% TP 4.8X4 |
| | | L506 | 635-027C | EL0405RA SKI150G-3 K-TDK 15UH |
| | | L5S1 | 0LA0332K018 | 33M K 2.3X3.4 L5 TP |
| | | L5W1 | 0LR1000K0P5 | LF7.5N OEL 100UH 10% TP 4.8X4 |
| | | L701 | 0LR1000K0P5 | LF7.5N OEL 100UH 10% TP 4.8X4 |
| | | L702 | 0LR0102K0P5 | LF7.5N OEL 10UH 10% TP 4.8X4.0 |
| | | L703 | 0LR0102K0P5 | LF7.5N OEL 10UH 10% TP 4.8X4.0 |
| | | L704 | 0LA0821K018 | 8.2M K 2.3X3.4 L5 TP |
| | | L751 | 0LR1000K0P5 | LF7.5N OEL 100UH 10% TP 4.8X4 |
| | | L752 | 0LR1000K0P5 | LF7.5N OEL 100UH 10% TP 4.8X4 |
| | | L753 | 0LR1000K0P5 | LF7.5N OEL 100UH 10% TP 4.8X4 |
| | | L754 | 0LR6801J045 | 6800U J 6X7 L5 TP |
| | | L755 | 0LR6801J045 | 6800U J 6X7 L5 TP |
| | | L7M1 | 0LR1000K0P5 | LF7.5N OEL 100UH 10% TP 4.8X4 |
| | | L801 | 0LR1000K0P5 | LF7.5N OEL 100UH 10% TP 4.8X4 |
| | | L802 | 0LR1000K0P5 | LF7.5N OEL 100UH 10% TP 4.8X4 |
| | | L901 | 0LA1000K018 | 100M K 2.3X3.4 L5 TP |
| | | L902 | 0LA1000K018 | 100M K 2.3X3.4 L5 TP |
| | | L904 | 0LA1000K018 | 100M K 2.3X3.4 L5 TP |
| | | L905 | 636-004C | BEAD CORE BFS3550R2FD8,R T/P |
| | | L906 | 0LA1000K018 | 100M K 2.3X3.4 L5 TP |
| | | L907 | 636-004C | BEAD CORE BFS3550R2FD8,R T/P |
| | | L908 | 636-004C | BEAD CORE BFS3550R2FD8,R T/P |
| | | L911 | 0LA1000K018 | 100M K 2.3X3.4 L5 TP |
| | | L912 | 0LA1000K018 | 100M K 2.3X3.4 L5 TP |
| | | L914 | 0LA1000K018 | 100M K 2.3X3.4 L5 TP |
| | | L916 | 0LA1000K018 | 100M K 2.3X3.4 L5 TP |
| | | L924 | 0LA1000K018 | 100M K 2.3X3.4 L5 TP |
| | | L926 | 0LA1000K018 | 100M K 2.3X3.4 L5 TP |
| | | L941 | 0LR1000K0P5 | LF7.5N OEL 100UH 10% TP 4.8X4 |
| | | TL401 | 633-032K | BIAC OSC,1CHIP 5V(KS-75M) |

## LED

| | | | | |
|---|---|---|---|---|
| | | LD5P1 | 0DL100000BB | LTE-16KEE BK LITEON RED |

## CIRCUIT BOARD ASSEMBLY

| | | | | |
|---|---|---|---|---|
| | | PBM00 | 6871R-1236F | MAIN (VS-J701EO-D ) |
| | | PBM00 | 6871R-1236G | MAIN (VS-J701EO-DN) |

## TRANSFORMER

| | | | | |
|---|---|---|---|---|
| | | T101 | 642-023M | S/W TRANS EER2828 WIDE X-PJT |

## TRANSISTOR

| S | AL | LOCA.NO | PART NO(GS) | SPECIFICATION |
|---|---|---|---|---|
| | | Q151 | 0TR320509AB | KTC3205-TP-Y (KTC2236A)KEC |
| | | Q152 | 0TR320309AA | KTC3203-Y (KTC2120) TP KEC 10P |
| | | Q153 | 0TR280400AA | KTC2804-Y BK KEC TO126 |
| | | Q154 | 0TR319809AC | KTC3198-TP-BL (KTC1815)KEC |
| | | Q155 | 0TR103009AF | KRA103M-TP (KRA2203) KEC |
| | | Q156 | 0TR320309AA | KTC3203-Y (KTC2120) TP KEC 10P |
| | | Q157 | 0TR103009AF | KRA103M-TP (KRA2203) KEC |
| | | Q158 | 0TR126809BA | KTA1268-BL TP KEC |
| | OR | Q158 | 0TR709009AE | KSA709C-Y TP SAMSUNG T0-92 |
| | | Q159 | 0TR127309AA | KTA1273-TP-Y (KTA966A)KEC |
| | | Q160 | 0TR101009AF | KRC101M(TO92M),4.7-4.7,KEC |
| | | Q161 | 0TR101009AF | KRC101M(TO92M),4.7-4.7,KEC |
| | | Q162 | 0TR127309AA | KTA1273-TP-Y (KTA966A)KEC |
| | | Q164 | 0TR127309AA | KTA1273-TP-Y (KTA966A)KEC |
| | | Q165 | 0TR101009AF | KRC101M(TO92M),4.7-4.7,KEC |
| | | Q301 | 0TR319909AF | KTC3199-BL MINI TP KEC |
| | | Q302 | 0TR319909AF | KTC3199-BL MINI TP KEC |
| | | Q303 | 0TR126709AC | KTA1267-GR MINI TP KEC |
| | | Q304 | 0TR319909AF | KTC3199-BL MINI TP KEC |
| | | Q305 | 0TR126709AC | KTA1267-GR MINI TP KEC |
| | | Q3A1 | 0TR319909AF | KTC3199-BL MINI TP KEC |
| | | Q3A2 | 0TR319909AF | KTC3199-BL MINI TP KEC |
| | | Q401 | 0TR126709AC | KTA1267-GR MINI TP KEC |
| | | Q402 | 0TR126709AC | KTA1267-GR MINI TP KEC |
| | | Q403 | 0TR319909AF | KTC3199-BL MINI TP KEC |
| | | Q404 | 0TR319909AF | KTC3199-BL MINI TP KEC |
| | | Q405 | 0TR320309AA | KTC3203-Y (KTC2120) TP KEC 10P |
| | | Q501 | 0TR319909AF | KTC3199-BL MINI TP KEC |
| | | Q502 | 0TR103009AE | KRC103M-TP (KRC1203) KEC |
| | | Q503 | 0TR127309AA | KTA1273-TP-Y (KTA966A)KEC |
| | | Q514 | 0TR103009AE | KRC103M-TP (KRC1203) KEC |
| | | Q515 | 0TR103009AE | KRC103M-TP (KRC1203) KEC |
| | | Q5A1 | 0TR319909AF | KTC3199-BL MINI TP KEC |
| | | Q5P1 | 0TR103009AE | KRC103M-TP (KRC1203) KEC |
| | | Q5S2 | 0TR319909AF | KTC3199-BL MINI TP KEC |
| | | Q701 | 0TR126709AC | KTA1267-GR MINI TP KEC |
| | | Q751 | 0TR103009AE | KRC103M-TP (KRC1203) KEC |
| | | Q752 | 0TR126709AC | KTA1267-GR MINI TP KEC |
| | | Q753 | 0TR319909AF | KTC3199-BL MINI TP KEC |
| | | Q754 | 0TR319909AF | KTC3199-BL MINI TP KEC |

## RESISTOR

| | | | | |
|---|---|---|---|---|
| | | C302 | 0RD2202F608 | 22K 1/6W 5 TA26 |
| | | FR02 | 0RF0471Q619 | 4.7 OHM 1/4 W (3.4) 5% TR |
| | | R101 | 614-007R | 2.7 OHM 2 W 5% TR RWR |
| | | R102 | 0RS1003K619 | 100K OHM 2 W 5% TR |
| | | R103 | 0RD0821F608 | 8.2 1/6W 5 TA26 |
| | | R104 | 0RS5602K619 | 56KOHM 2 W 5% TR |
| | | R109 | 0RS0350K619 | 0.35 OHM 2 W 5% TR |
| | | R114 | 0RD1003F608 | 100K 1/6W 5 TA26 |
| | | R116 | 0RD3300F608 | 330 1/6W 5 TA26 |
| | | R117 | 0RD2201F608 | 2.2K 1/6W 5 TA26 |
| | | R118 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R119 | 0RN3301F408 | 3.3K 1/6W 1 TA26 |
| | | R120 | 0RN2701F408 | 2.70K 1/6W 1% TA26 |
| | | R121 | 0RD1800F608 | 180 1/6W 5 TA26 |
| | | R127 | 0RD1501F608 | 1.5K 1/6W 5 TA26 |
| | | R151 | 0RD1201F608 | 1.2K 1/6W 5 TA26 |
| | | R152 | 0RD1201F608 | 1.2K 1/6W 5 TA26 |
| | | R154 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R155 | 0RD2702F608 | 27K 1/6W 5 TA26 |
| | | R156 | 0RD1002F608 | 10K 1/6W 5 TA26 |



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| S | AL | LOCA.NO | PART NO(GS) | SPECIFICATION |
|---|---|---|---|---|
| | | R157 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R158 | 0RD2700F608 | 270 1/6W 5 TA26 |
| | | R159 | 0RD3300F608 | 330 1/6W 5 TA26 |
| | | R161 | 0RD2700F608 | 270 1/6W 5 TA26 |
| | | R162 | 0RD3300F608 | 330 1/6W 5 TA26 |
| | | R164 | 0RD1202F608 | 12K 1/6W 5 TA26 |
| | | R165 | 0RD1202F608 | 12K 1/6W 5 TA26 |
| | | R166 | 0RD2201F608 | 2.2K 1/6W 5 TA26 |
| | | R167 | 0RD2201F608 | 2.2K 1/6W 5 TA26 |
| | | R169 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R170 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R171 | 0RD3901F608 | 3.9K 1/6W 5 TA26 |
| | | R201 | 0RD4700F608 | 470 1/6W 5 TA26 |
| | | R302 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| | | R303 | 0RD1802F608 | 18K 1/6W 5 TA26 |
| | | R304 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| | | R305 | 0RD1501F608 | 1.5K 1/6W 5 TA26 |
| | | R306 | 0RD3300F608 | 330 1/6W 5 TA26 |
| | | R307 | 0RD3300F608 | 330 1/6W 5 TA26 |
| | | R308 | 0RD2701F608 | 2.7K 1/6W 5 TA26 |
| | | R309 | 0RD8200F608 | 820 1/6W 5 TA26 |
| | | R310 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R311 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | | R312 | 0RD1801F608 | 1.8K 1/6W 5 TA26 |
| | | R313 | 0RD4700F608 | 470 1/6W 5 TA26 |
| | | R316 | 0RD1500F608 | 150 1/6W 5 TA26 |
| | | R317 | 0RD8202F608 | 82K 1/6W 5 TA26 |
| | | R318 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | | R319 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R321 | 0RD1501F608 | 1.5K 1/6W 5 TA26 |
| | | R322 | 0RD8201F608 | 8.2K 1/6W 5 TA26 |
| | | R323 | 0RD5601F608 | 5.6K 1/6W 5 TA26 |
| | | R324 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| | | R325 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R326 | 0RD2701F608 | 2.7K 1/6W 5 TA26 |
| | | R333 | 0RD1802F608 | 18K 1/6W 5 TA26 |
| | | R335 | 0RD1802F608 | 18K 1/6W 5 TA26 |
| | | R338 | 0RD2700F608 | 270 1/6W 5 TA26 |
| | | R340 | 0RD1802F608 | 18K 1/6W 5 TA26 |
| | | R341 | 0RD2701F608 | 2.7K 1/6W 5 TA26 |
| | | R349 | 0RD5601F608 | 5.6K 1/6W 5 TA26 |
| | | R350 | 0RD4700F608 | 470 1/6W 5 TA26 |
| | | R390 | 0RD5601F608 | 5.6K 1/6W 5 TA26 |
| | | R3A1 | 0RD2201F608 | 2.2K 1/6W 5 TA26 |
| | | R3A2 | 0RD4702F608 | 47K 1/6W 5 TA26 |
| | | R3A3 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R3B1 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | | R402 | 0RD2204F608 | 2.2M 1/6W 5 TA26 |
| | | R403 | 0RD6801F608 | 6.8K 1/6W 5 TA26 |
| | | R404 | 0RD2700F608 | 270 1/6W 5 TA26 |
| | | R406 | 0RD2701F608 | 2.7K 1/6W 5 TA26 |
| | | R407 | 0RD2202F608 | 22K 1/6W 5 TA26 |
| | | R408 | 0RD2201F608 | 2.2K 1/6W 5 TA26 |
| | | R409 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | | R410 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| | | R411 | 0RD2202F608 | 22K 1/6W 5 TA26 |
| | | R412 | 0RD1801F608 | 1.8K 1/6W 5 TA26 |
| | | R413 | 0RD8201F608 | 8.2K 1/6W 5 TA26 |
| | | R414 | 0RD1202F608 | 12K 1/6W 5 TA26 |
| | | R415 | 0RD3303F608 | 330K 1/6W 5 TA26 |
| | | R416 | 0RD1500F608 | 150 1/6W 5 TA26 |
| | | R417 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |

| S | AL | LOCA.NO | PART NO(GS) | SPECIFICATION |
|---|---|---|---|---|
| | | R418 | 0RD2702F608 | 27K 1/6W 5 TA26 |
| | | R419 | 0RD0472F608 | 47 1/6W 5 TA26 |
| | | R420 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R421 | 0RD0221F608 | 2.2 1/6W 5 TA26 |
| | | R422 | 0RD5600F608 | 560 1/6W 5 TA26 |
| | | R424 | 0RD2700F608 | 270 1/6W 5 TA26 |
| | | R425 | 0RD4702F608 | 47K 1/6W 5 TA26 |
| | | R430 | 0RD3901F608 | 3.9K 1/6W 5 TA26 |
| | | R431 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | | R490 | 0RD4702F608 | 47K 1/6W 5 TA26 |
| | | R491 | 0RD1202F608 | 12K 1/6W 5 TA26 |
| | | R500 | 0RF0681J619 | 6.8 OHM 1 W 5% TR |
| | | R501 | 0RD1000F608 | 100 1/6W 5 TA26 |
| | | R502 | 0RD1000F608 | 100 1/6W 5 TA26 |
| | | R504 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R505 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R506 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R507 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R508 | 0RD3301F608 | 3.3K 1/6W 5 TA26 |
| | | R509 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | | R510 | 0RD2201F608 | 2.2K 1/6W 5 TA26 |
| | | R511 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R512 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R513 | 0RD1003F608 | 100K 1/6W 5 TA26 |
| | | R515 | 0RD2700F608 | 270 1/6W 5 TA26 |
| | | R517 | 0RD1004F608 | 1.0M 1/6W 5 TA26 |
| | | R518 | 0RD5600F608 | 560 1/6W 5 TA26 |
| | | R519 | 0RD2702F608 | 27K 1/6W 5 TA26 |
| | | R520 | 0RD5601F608 | 5.6K 1/6W 5 TA26 |
| | | R521 | 0RD3301F608 | 3.3K 1/6W 5 TA26 |
| | | R522 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R523 | 0RD1502F608 | 15K 1/6W 5 TA26 |
| | | R525 | 0RD5601F608 | 5.6K 1/6W 5 TA26 |
| | | R526 | 0RD5601F608 | 5.6K 1/6W 5 TA26 |
| | | R527 | 0RD5600F608 | 560 1/6W 5 TA26 |
| | | R528 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| | | R529 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| | | R531 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| | | R534 | 0RD1004F608 | 1.0M 1/6W 5 TA26 |
| | | R535 | 0RD4703F608 | 470K 1/6W 5 TA26 |
| | | R542 | 0RD2201F608 | 2.2K 1/6W 5 TA26 |
| | | R543 | 0RD1000F608 | 100 1/6W 5 TA26 |
| | | R544 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | | R545 | 0RD2201F608 | 2.2K 1/6W 5 TA26 |
| | | R546 | 0RD5601F608 | 5.6K 1/6W 5 TA26 |
| | | R547 | 0RD1202F608 | 12K 1/6W 5 TA26 |
| | | R548 | 0RD1003F608 | 100K 1/6W 5 TA26 |
| | | R550 | 0RD2200F608 | 220 1/6W 5 TA26 |
| | | R553 | 0RD2200F608 | 220 1/6W 5 TA26 |
| | | R555 | 0RD2200F608 | 220 1/6W 5 TA26 |
| | | R556 | 0RD2202F608 | 22K 1/6W 5 TA26 |
| | | R557 | 0RD2702F608 | 27K 1/6W 5 TA26 |
| | | R558 | 0RD2202F608 | 22K 1/6W 5 TA26 |
| | | R559 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | | R560 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | | R561 | 0RD5600F608 | 560 1/6W 5 TA26 |
| | | R562 | 0RD5600F608 | 560 1/6W 5 TA26 |
| | | R563 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| | | R564 | 0RD2702F608 | 27K 1/6W 5 TA26 |
| | | R567 | 0RD1801F608 | 1.8K 1/6W 5 TA26 |
| | | R568 | 0RD6803F608 | 680K 1/6W 5 TA26 |
| | | R569 | 0RD1004F608 | 1.0M 1/6W 5 TA26 |

| S | AL | LOCA.NO | PART NO(GS) | SPECIFICATION |
|---|---|---|---|---|
| | | R570 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | | R575 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | | R576 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | | R577 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | | R578 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | | R579 | 0RD5602F608 | 56K 1/6W 5 TA26 |
| | | R581 | 0RD6802F608 | 68K 1/6W 5 TA26 |
| | | R583 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| | | R586 | 0RD2201F608 | 2.2K 1/6W 5 TA26 |
| | | R589 | 0RD1004F608 | 1.0M 1/6W 5 TA26 |
| | | R590 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R5A1 | 0RD6802F608 | 68K 1/6W 5 TA26 |
| | | R5A2 | 0RD1003F608 | 100K 1/6W 5 TA26 |
| | | R5A3 | 0RD5602F608 | 56K 1/6W 5 TA26 |
| | | R5A4 | 0RD2202F608 | 22K 1/6W 5 TA26 |
| | | R5B1 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R5B3 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R5B4 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R5B5 | 0RD1000F608 | 100 1/6W 5 TA26 |
| | | R5C1 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R5C2 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R5C3 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R5C4 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R5C5 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R5C6 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R5C7 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R5C9 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| | | R5F0 | 0RD0102F608 | 10 1/6W 5 TA26 |
| | | R5F1 | 0RD0102F608 | 10 1/6W 5 TA26 |
| | | R5F2 | 0RD0152F608 | 15 1/6W 5 TA26 |
| | | R5F3 | 0RD0152F608 | 15 1/6W 5 TA26 |
| | | R5H2 | 0RD3300F608 | 330 1/6W 5 TA26 |
| | | R5K1 | 0RD1801F608 | 1.8K 1/6W 5 TA26 |
| | | R5K2 | 0RD1501F608 | 1.5K 1/6W 5 TA26 |
| | | R5K3 | 0RD2201F608 | 2.2K 1/6W 5 TA26 |
| | | R5K4 | 0RD2701F608 | 2.7K 1/6W 5 TA26 |
| | | R5K5 | 0RD3901F608 | 3.9K 1/6W 5 TA26 |
| | | R5K6 | 0RD6801F608 | 6.8K 1/6W 5 TA26 |
| | | R5K7 | 0RD1202F608 | 12K 1/6W 5 TA26 |
| | | R5P1 | 0RD3300F608 | 330 1/6W 5 TA26 |
| | | R5P2 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| | | R5P3 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| | | R5S2 | 0RD6801F608 | 6.8K 1/6W 5 TA26 |
| | | R5S3 | 0RD3300F608 | 330 1/6W 5 TA26 |
| | | R5T1 | 0RD1801F608 | 1.8K 1/6W 5 TA26 |
| | | R5X1 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R5X2 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R5X3 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R5X4 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R5X5 | 0RD1000F608 | 100 1/6W 5 TA26 |
| | | R5X6 | 0RD1000F608 | 100 1/6W 5 TA26 |
| | | R5X7 | 0RD1000F608 | 100 1/6W 5 TA26 |
| | | R5X8 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R5X9 | 0RD6802F608 | 68K 1/6W 5 TA26 |
| | | R704 | 0RD4700F608 | 470 1/6W 5 TA26 |
| | | R706 | 0RD2200F608 | 220 1/6W 5 TA26 |
| | | R707 | 0RD2200F608 | 220 1/6W 5 TA26 |
| | | R751 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R752 | 0RD1000F608 | 100 1/6W 5 TA26 |
| | | R753 | 0RD1000F608 | 100 1/6W 5 TA26 |
| | | R754 | 0RD6800F608 | 680 1/6W 5 TA26 |
| | | R755 | 0RD6800F608 | 680 1/6W 5 TA26 |

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| S | AL | LOCA.NO | PART NO(GS) | SPECIFICATION |
|---|---|---|---|---|
| | | R756 | 0RD2201F608 | 2.2K 1/6W 5 TA26 |
| | | R757 | 0RD2201F608 | 2.2K 1/6W 5 TA26 |
| | | R758 | 0RD3902F608 | 39K 1/6W 5 TA26 |
| | | R791 | 0RD2201F608 | 2.2K 1/6W 5 TA26 |
| | | R792 | 0RD2201F608 | 2.2K 1/6W 5 TA26 |
| | | R793 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R794 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R7C1 | 0RD4700F608 | 470 1/6W 5 TA26 |
| | | R7M1 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R7M3 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R7M5 | 0RD2200F608 | 220 1/6W 5 TA26 |
| | | R817 | 0RD2204F608 | 2.2M 1/6W 5 TA26 |
| | | R818 | 0RD3302F608 | 33K 1/6W 5 TA26 |
| | | R819 | 0RD2701F608 | 2.7K 1/6W 5 TA26 |
| | | R820 | 0RD5602F608 | 56K 1/6W 5 TA26 |
| | | R821 | 0RD2701F608 | 2.7K 1/6W 5 TA26 |
| | | R822 | 0RD3302F608 | 33K 1/6W 5 TA26 |
| | | R823 | 0RD4700F608 | 470 1/6W 5 TA26 |
| | | R824 | 0RD1000F608 | 100 1/6W 5 TA26 |
| | | R825 | 0RD5600F608 | 560 1/6W 5 TA26 |
| | | R826 | 0RD1802F608 | 18K 1/6W 5 TA26 |
| | | R827 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| | | R828 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R829 | 0RD1004F608 | 1.0M 1/6W 5 TA26 |
| | | R830 | 0RD1203F608 | 120K 1/6W 5 TA26 |
| | | R831 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R901 | 0RD0752F608 | 75 1/6W 5 TA26 |
| | | R902 | 0RD0752F608 | 75 1/6W 5 TA26 |
| | | R905 | 0RD5600F608 | 560 1/6W 5 TA26 |
| | | R906 | 0RD5600F608 | 560 1/6W 5 TA26 |
| | | R911 | 0RD0752F608 | 75 1/6W 5 TA26 |
| | | R912 | 0RD0752F608 | 75 1/6W 5 TA26 |
| | | R915 | 0RD5600F608 | 560 1/6W 5 TA26 |
| | | R916 | 0RD5600F608 | 560 1/6W 5 TA26 |
| | | R925 | 0RD5600F608 | 560 1/6W 5 TA26 |
| | | R926 | 0RD5600F608 | 560 1/6W 5 TA26 |
| | | R933 | 0RD1202F608 | 12K 1/6W 5 TA26 |
| | | R934 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| | | R947 | 0RD3300F608 | 330 1/6W 5 TA26 |
| | | R948 | 0RD3300F608 | 330 1/6W 5 TA26 |
| | | R949 | 0RD1000F608 | 100 1/6W 5 TA26 |
| | | R950 | 0RD1000F608 | 100 1/6W 5 TA26 |
| **REMOCON RECEIVER** | | | | |
| | | R/C5F1 | 6712R2938GA | TSOP1238SP1 TEMIC 29.6MM 37.9K |
| **SENSOR** | | | | |
| | | ES501 | 4931R-0016A | END |
| | | ES502 | 4931R-0016A | END |
| | OR | IC102 | 657-062B | PC123Y PHOTO-COUPLER(SARPH) |
| | | IC102 | 657-063A | LTV-817B,PHOTO COUPLER(LITEON) |
| | | LD501 | 4931R-0017A | LED |
| | | RS501 | 6500RAB002A | GP1S566 SHARP D-33 REEL SENSOR |
| | | RS502 | 6500RAB002A | GP1S566 SHARP D-33 REEL SENSOR |
| **SWITCH** | | | | |
| | OR | CS501 | 6600RDB004B | SPPB62042 ALPS UL 5V 0A HORIZO |
| | | CS501 | 6600RDB004C | MPU10252MLB4 MIC NON 5V 0.01A |
| | | MS501 | 6600RPY001B | MMS004202MBO MIC NON 5V 1MA VE |
| | | SW5A1 | 556-213C | SKHV10912A LGEC NON 12V 5A VER |



RUN DATE : 99.06.18

| S | AL | LOCA.NO | PART NO(GS) | SPECIFICATION |
|---|---|---|---|---|
| | | SW5K1 | 556-282C | SKQNQED ALPS 5MM 12V/50MAV TAC |
| | | SW5K2 | 556-282C | SKQNQED ALPS 5MM 12V/50MAV TAC |
| | | SW5K3 | 556-282C | SKQNQED ALPS 5MM 12V/50MAV TAC |
| | | SW5K4 | 556-282C | SKQNQED ALPS 5MM 12V/50MAV TAC |
| | | SW5K5 | 556-282C | SKQNQED ALPS 5MM 12V/50MAV TAC |
| | | SW5K6 | 556-282C | SKQNQED ALPS 5MM 12V/50MAV TAC |
| | | SW5K7 | 556-282C | SKQNQED ALPS 5MM 12V/50MAV TAC |
| | | SW5K8 | 556-282C | SKQNQED ALPS 5MM 12V/50MAV TAC |
| | | SW5T2 | 556-213C | SKHV10912A LGEC NON 12V 5A VER |
| **TUNER** | | | | |
| | | TU701 | 6700RP3G01E | TCMK0601PD08C SS G/K/I HIFI 3I |
| | OR | TU701 | 6700RP3L02E | TADC-G006D LGC&D G/K/I HIFI 3I |
| **VARIABLE RESISTOR** | | | | |
| | | VR501 | 613-032W | RH063MCJ5R (220K) |
| **CRYSTAL** | | | | |
| | OR | X502 | 529-001B | 32.768KHZ 3*8,KDS |
| | | X502 | 529-001K | 32.768KHZ SEIKO |
| | | X751 | 529-021Q | 18.432MHZ DBS KUKJAE |
| **RESONATOR** | | | | |
| | OR | X301 | 6202R1443AC | X-TAL 4.433709M 15PPM SER KJE |
| | OR | X301 | 6202R1443AD | 4.433709M 15PPM SER SUNNY |
| | | X301 | 6202R1443AE | TAEIL HC49U 4.433709MHZ 15PPM |
| | OR | X501 | 6202R31001E | ATS TAEIL RADIAL 10.0000MHZ 30 |
| | | X501 | 6202R31001F | HC-49S KEUMSEOK RADIAL 10.0000 |
| | OR | X503 | 6202R31771E | ATS TAEIL RADIAL 17.734476MHZ |
| | | X503 | 6202R31771F | HC-49S KEUMSEOK RADIAL 17.7344 |
| | | X5F1 | 6212RT0004A | CST12.0MTW MURATA 12MHZ TP LC8 |
| **ZENER DIODE** | | | | |
| | | ZD104 | 0DZ560009CA | MTZ5.6B TP ROHM-K |
| | | ZD151 | 0DZ130009AA | MTZ13A TP ROHM-K |
| | | ZD152 | 0DZ100009FA | MTZ10-C T-77 10V TP,ROHM/K |
| | | ZD153 | 0DZ130009AA | MTZ13A TP ROHM-K |
| | | ZD501 | 0DZ680009CA | MTZ6.8C TP ROHM-K |
| | | ZD503 | 0DZ680009CA | MTZ6.8C TP ROHM-K |
| | | ZD701 | 0DZ330009AF | MTZ33B,TP,ROHM-K |
| | | ZD801 | 0DZ560009CA | MTZ5.6B TP ROHM-K |
| | | ZD802 | 0DZ130009AA | MTZ13A TP ROHM-K |
| | | ZD808 | 0DZ560009CA | MTZ5.6B TP ROHM-K |
| | | ZD810 | 0DZ130009AA | MTZ13A TP ROHM-K |
| | | ZD905 | 0DZ130009AA | MTZ13A TP ROHM-K |

# MEMO

# SECTION 5 REPLACEMENT PARTS LIST



## · Mechanical Section

RUN DATE : 99.06.18
**NSP: Not Service Part**

| S | AL | LOCA.NO | PART NO(GS) | DESCRIPTION | SPECIFICATION | REMARKS |
|---|---|---|---|---|---|---|
| | | | | **ASSEMBLY PARTS SECTION** | | |
| | | A00 | 6721R-0152A | DECK ASSY | D33 (4HF, PAL, JOG) | |
| | | A01 | 6723R-0103D | DRUM ASSY | D33-6CH PAL (5P6) | |
| | OR | A01 | 6723R-D103D | DRUM(CIRC) ASSY | D33-6CH PAL (5P6) | |
| | | A02 | 4261R-0012A | ARM ASSY! | T/UP | |
| | | A03 | 4261R-0003A | ARM ASSY! | CLEANER | |
| | | A04 | 4811R-0011A | BRACKET ASSY | L/D MOTOR | |
| | | A11 | 4470R-0028A | GEAR | ASSY P3 | |
| | | A12 | 4470R-0026A | GEAR | ASSY P2 | |
| | | A13 | 4811R-0012A | BRACKET ASSY | JOG | |
| | | A14 | 4421R-0005B | BRAKE ASSY | CAPSTAN | |
| | | A21 | 4931R-0015A | HOLDER ASSY | CST | |
| | | A22 | 4811R-0014A | BRACKET ASSY | DOOR | |
| | | A23 | 4261R-0010A | ARM ASSY! | F/L | |
| | | A24 | 4510R-0019A | LEVER | ASSY SWITCH | |
| | | | | **PARTS SECTION** | | |
| | | 001 | 6723R-0106D | DRUM ASSY | SUB D33-6CH PAL (5P6) | |
| | | 002 | 4680RB0004A | MOTOR(MECH) | DRUM F2OEL-81 SANKYO D33 | |
| | OR | 002 | 4680RB0005A | MOTOR(MECH) | DRUM GVD-033A LGEC D33 | |
| | | 003 | 4930R-0108A | HOLDER | FPC(6CH) | |
| | | 004 | 5006R-0014A | CAP | FPC | |
| | | 005 | 276-100A | CAP | A CLEANER | NSP |
| | | 006 | 434-242A | ROLLER | CLEANER | NSP |
| | | 007 | 4260R-0009A | ARM | CLEANER | NSP |
| | | 008 | 4970R-0043A | SPRING | T/UP | |
| | | 009 | 4260R-0011A | ARM | T/UP | |
| | | 010 | 4770R-0004A | BAND (MECH) | ASSY TENSION | |
| | | 011 | 4261R-0004A | ARM ASSY! | TENSION | |
| | | 012 | 3041R-0003A | BASE ASSY | P2 • | |
| | OR | 012 | 3041R-0003B | BASE ASSY | P2 (D/C) | |
| | | 013 | 3041R-0004A | BASE ASSY | P3 | |
| | OR | 013 | 3041R-0004B | BASE ASSY | P3(D/C) | |
| | | 014 | 3041R-0007A | BASE ASSY | P4 | |
| | | 015 | 5870R-0001A | OPENER | LID | |
| | | 016 | 3041R-0005A | BASE ASSY | A/C HEAD(LGEC) | |
| | | 017 | 4408R-0001A | REEL | S | |
| | | 018 | 4970R-0054A | SPRING | SB | |
| | | 019 | 4421R-0003A | BRAKE ASSY | S | |
| | | 020 | 4970R-0053A | SPRING | TB | |
| | | 021 | 4421R-0004A | BRAKE ASSY | T | |
| | | 022 | 523-833B | HEAD | FE D33 . LG C&D/ST | |
| | | 023 | 4980R-0010A | SUPPORTER | CST | |
| | | 024 | 4261R-0009A | ARM ASSY! | IDLER-J | |
| | | 025 | 4810R-0053A | BRACKET | L/D MOTOR | NSP |
| | | 026 | 4681R-0007A | MOTOR ASSY | L/D | NSP |
| | | 027 | 4470R-0025A | GEAR | WHEEL | NSP |
| | | 028 | 4408R-0002A | REEL | T | |
| | | 029 | 4261R-0011A | ARM ASSY! | PINCH (MOLD BEARING) | |

RUN DATE : 99.06.18
NSP: Not Service Part

| S | AL | LOCA.NO | PART NO(GS) | DESCRIPTION | SPECIFICATION | REMARKS |
|---|---|---|---|---|---|---|
| | | 031 | 4970R-0052A | SPRING | TENSION | |
| | | 032 | 3141R-0002A | CHASSIS ASSY | D33 | NSP |
| | | 051 | 4400R-0005A | BELT | CAPSTAN | |
| | OR | 052 | 4680RA0002A | MOTOR(MECH) | CAPSTAN F2QSB SANKYO D33 | |
| | | 052 | 4680RA0003A | MOTOR(MECH) | CAPSTAN GVC-033A LGEC D33 | |
| | | 053 | 4974R-0018A | GUIDE | RACK F/L | |
| | | 054 | 4470R-0037A | GEAR | RACK F/L | |
| | | 055 | 4470R-0033A | GEAR | DRIVE | |
| | | 056 | 4470R-0032A | GEAR | CAM | |
| | | 057 | 4470R-0036B | GEAR | CONNECT | |
| | | 058 | 4420R-0005A | BRAKE | CAPSTAN | |
| | | 059 | 4970R-0059A | SPRING | CAPSTAN | |
| | | 060 | 4510R-0025A | LEVER | F/R | |
| | | 061 | 4265R-0002A | CLUTCH ASSY | D33 | |
| | | 062 | 4470R-0044A | GEAR | ASSY UP/D | |
| | | 063 | 4970R-0051A | SPRING | UP/D | |
| | | 064 | 4470R-0034A | GEAR | SECTOR | |
| | | 065 | 4510R-0016A | LEVER | P3 | NSP |
| | | 066 | 4970R-0046A | SPRING | L/D | NSP |
| | | 067 | 4470R-0029A | GEAR | P3 | NSP |
| | | 068 | 4470R-0027A | GEAR | P2 | NSP |
| | | 069 | 4970R-0046A | SPRING | L/D | NSP |
| | | 070 | 4510R-0015A | LEVER | P2 | NSP |
| | | 071 | 4810R-0054A | BRACKET | JOG | NSP |
| | | 072 | 4510R-0017A | LEVER | JOG | NSP |
| | | 073 | 4510R-0018A | LEVER | SLOW | NSP |
| | | 074 | 4970R-0049A | SPRING | JOG | NSP |
| | | 075 | 4470R-0031A | GEAR | JOG | NSP |
| | | 076 | 4260R-0017A | ARM | JOG | NSP |
| | | 077 | 3300R-0157A | PLATE | SLIDER | |
| | | 078 | 4510R-0022A | LEVER | TENSION | |
| | | 079 | 3040R-0018A | BASE | TENSION | |
| | | 100 | 3301R-0029A | PLATE ASSY | TOP | |
| | | 101 | 4810R-0056A | BRACKET | SIDE(L) | |
| | | 102 | 4510R-0023A | LEVER | STOPPER(L) | NSP |
| | | 103 | 4930R-0099A | HOLDER | SIDE(L) | NSP |
| | | 104 | 4974R-0019A | GUIDE | CST | |
| | | 105 | 4930R-0098A | HOLDER | CST | NSP |
| | | 106 | 4930R-0100A | HOLDER | SIDE(R) | NSP |
| | | 107 | 4510R-0024A | LEVER | STOPPER(R) | NSP |
| | | 108 | 4810R-0055A | BRACKET | SIDE(R) | NSP |
| | | 109 | 5670R-0002A | OPENER | DOOR | NSP |
| | | 110 | 4260R-0018A | ARM | F/L(L) | NSP |
| | | 111 | 4970R-0055A | SPRING | F/L(L) | NSP |
| | | 112 | 3070R-0001A | BODY | F/L | NSP |
| | | 113 | 4970R-0056A | SPRING | F/L(R) | NSP |
| | | 114 | 4260R-0019A | ARM | F/L(R) | NSP |
| | | 115 | 4970R-0050A | SPRING | SWITCH | |
| | | 116 | 4510R-0020A | LEVER | SWITCH | |
| **SCREW** | | | | | | |
| | | 401 | 1MPK0261418 | PAN HEAD MACHINE SCREW +,- | + D2.6 L4.0 MSWR3 / FZY | |
| | | 406 | 1MEC0302018 | PAN HEAD MACHINE SCREW S/W + | D 3.0 L 6.0 MSWR3/FZY | |
| | | 407 | 1APF0201718 | SCREW TAP TITE(B),PAN HEAD | + D2.0 L5.0 MSWR3/FZY | |



RUN DATE : 99.06.18
NSP: Not Service Part

| S | AL | LOCA.NO | PART NO(GS) | DESCRIPTION | SPECIFICATION | REMARKS |
|---|---|---|---|---|---|---|
| | | 409 | 1MGC0302418 | PAN HEAD MACN SCREW S/P WASH + | D 3.0 L 8.0 MSWR3/FZY | |
| | | 410 | 1APF0262218 | SCREW TAP TITE(B),PAN HEAD | + D2.6 L6.8 MSWR3/FZY | |
| | | 426 | 1MPC0302018 | PAN HEAD MACHINE SCREW +! | D 3.0 L 6.0 MSWR3/FZY | |
| **NUT, WASHER** | | | | | | |
| | | 504 | 354-001B | WASHER | P.S D3.1XD6X0.5T | |
| | | 517 | 1WZZR-0004B | WASHER | STOPPER | |
| | | 518 | 1WZZR-0004A | WASHER | STOPPER | |

## · Cabinet & Main Frame Section

RUN DATE : 99.06.18
NSP: Not Service Part

| S | AL | LOCA.NO | PART NO(GS) | DESCRIPTION | SPECIFICATION | REMARKS |
|---|---|---|---|---|---|---|
| **ASSEMBLY PARTS SECTION** | | | | | | |
| | | A43 | 3721R-F107H | PANEL ASSY,FRONT[NORMAL PARTS] | (VS-J718EO-D ) M/G | |
| | | A43 | 3721R-F107P | PANEL ASSY,FRONT[NORMAL PARTS] | (VS-J718EO-DN) | |
| | | A43 | 3721R-F107X | PANEL ASSY,FRONT[NORMAL PARTS] | (VS-J718EO-D ) D/BK | |
| | | A49 | 6871R-1241A | PWB(PCB) ASSY | TIMER(AKAI,1PNL) | |
| **PARTS SECTION** | | | | | | |
| | | 250 | 3110R-0128K | CASE | TOP(VS-J718EO-DN) M/G | |
| | | 250 | 3110R-0128R | CASE | TOP(VS-J718EO-D ) D/BK | |
| | | 260 | 3210R-0023B | FRAME | MAIN (VII-PJT, 60HR) | NSP |
| | | 275 | 4930R-0133A | HOLDER | DIGITRON(UP-MONO) | |
| | | 280 | 3720R-F081A | PANEL | FRONT (VS-J718EO-DN) | NSP |
| | | 280 | 3720R-F081H | PANEL | FRONT (VS-J718EO-D ) D/BK | NSP |
| | | 283 | 3580R-0038H | DOOR | CST(VS-J718EO-D ) | |
| | | 283 | 3580R-0038P | DOOR | CST(VS-J718EO-DN) | |
| | | 284 | 442-681A | SPRING | DOOR | |
| | | 300 | 6410RCHV02A | POWER CORD | H03VVH2-F2 X 0.75MM FILTER VOL | |
| | | 320 | 3721R-D023E | PANEL ASSY,DISTRIBUTOR[NORMAL | AF-PAL HI-Fi-2SCART-PREMERE | |
| | | 323 | 3111R-0089B | CASE ASSY | PRE-AMP (PBSB-SH) | |
| | | 330 | 3550R-0210A | COVER | BOTTOM(LARGE) | |
| **SCREW** | | | | | | |
| | | 452 | 353-051A | SCREW | SPECIAL | |
| | | 457 | 353-051E | SCREW | SPECIAL (3X12) | |
| | | 462 | 353-136A | SCREW | SPECIAL(FBK) (353S353A) | |

## · Packing Accessory Section

RUN DATE : 99.06.18
**NSP: Not Service Part**

| S | AL | LOCA.NO | PART NO(GS) | DESCRIPTION | SPECIFICATION | REMARKS |
|---|---|---|---|---|---|---|
| | | 801 | 3835RP0037Z | INSTRUCTION ASSY | (VS-J701EO-DN) :FINLAND | |
| | | 801 | 3835RP0042A | INSTRUCTION ASSY | (VS-J701EO-DN) :NETHERLAND | |
| | | 801 | 3835RP0042B | INSTRUCTION ASSY | (VS-J701EO-D ) :GERMANY | |
| | | 801 | 3835RP0042C | INSTRUCTION ASSY | (VS-J701EO-DN) :PORTUGAL | |
| | | 802 | 3890R-H393A | BOX | (VS-J701EO-DN) :FILLAND | |
| | | 802 | 3890R-H394A | BOX | (VS-J701EO-DN) :NETHER/PORTUGA | |
| | | 802 | 3890R-H403A | BOX | (VS-J701EO-D ) :GERMANY | |
| | | 803 | 3920R-0075A | PACKING | AK219I 0.02 1 EPS 1 1 1 | |
| | OR | 804 | 292-053A | BAG | SOFT(VCP) | NSP |
| | | 804 | 3858R-0006A | SHEET | ROLL(W630XL300MX0.5T) | NSP |
| | | 808 | 534-002C | BATTERY | 1.5V AAM UM-3 LOL 1PAIR | |
| | | 810 | 861-505J | CABLE SET ASSY | RF-CABLE ASSY PAL FTZ | |

## · Remote Control Section

RUN DATE : 99.06.18
**NSP: Not Service Part**

| S | AL | LOCA.NO | PART NO(GS) | DESCRIPTION | SPECIFICATION | REMARKS |
|---|---|---|---|---|---|---|
| | | 900 | 6711R2P016G | REMOTE CONTROLLER ASSY | (A1:RC-Z101E) | |



## · Electrical Section

RUN DATE : 99.06.18

**CAUTION:** The * marks in the parts list designate components which have special characteristics important for safety and should be replaced only with types identical to those in the original circuit or specified in the parts list. Before replacing any of these components, read carefully the SAFETY PRECAUTIONS and SERVICING PRECAUTIONS in the manual. Do not degrade the safety of the unit through improper servicing.

**Tolerance**

| Symbol | C | J | K | M | N | Z | P | A |
|---|---|---|---|---|---|---|---|---|
| % | ±2 | ±5 | ±10 | ±20 | ±30 | +80<br>-20 | +100<br>-10 | +100<br>-10 |

CC, CJ, CK: Capacitor, Ceramic
CE: Capacitor, Electrolytic
CQ: Capacitor, Polyester

| S | AL | LOCA.NO | PART NO(GS) | SPECIFICATION |
|---|---|---|---|---|
| | | | **CAPACITOR** | |
| | | C101 | 624-088H | PCX2 0.1UF/275VAC R T/P |
| | | C102 | 624-088H | PCX2 0.1UF/275VAC R T/P |
| | | C103 | 624-082F | CE 68UF/400V SHLVN |
| | | C105 | 0CQ1031Y519 | 0.01UF D 630V K PE NI TP |
| | | C106 | 624-087B | HIGH-VOL 100P/1KV SMPS SAMHWA |
| | | C109 | 0CE336BH638 | 33UF KME 25V M FM5 TP5 |
| | | C111 | 0CN223AK948 | 0.022UF 50V Z F TA26 S |
| | | C112 | 0CG3320U630 | 3300 PF 400V M E R(NK,AD,SD) |
| | | C113 | 0CG2210U610 | 220 PF 400V M B R(NK,AD,SD) |
| | | C114 | 0CQ4732K409 | 0.047UF S 50V J PE TP |
| | | C115 | 624-085D | CE 47UF/50V KME (SMPS) |
| | | C116 | 0CE108BF638 | 1000UF KME TYPE 16V M FM5 TP 5 |
| | | C117 | 0CE477CF638 | 470UF SHL TYPE 16V M FM5 TP 5 |
| | | C118 | 0CE2276D638 | 220M SMS 10V M FM5 TP(5) |
| | | C119 | 624-085D | CE 47UF/50V KME (SMPS) |
| | | C120 | 0CE477BH638 | 470UF KME 25V M FM5 TP5 |
| | | C121 | 624-082G | CE 470UF/25V SHL(10*12.5)T/P |
| | | C122 | 0CN223AK948 | 0.022UF 50V Z F TA26 S |
| | | C124 | 0CE4754K638 | 4.7M SRA 50V M FM5 TP(5) |
| | | C151 | 0CE4754K638 | 4.7M SRA 50V M FM5 TP(5) |
| | | C152 | 0CE4754K638 | 4.7M SRA 50V M FM5 TP(5) |
| | | C153 | 0CE4754K638 | 4.7M SRA 50V M FM5 TP(5) |
| | | C155 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C156 | 0CE1054K638 | 1.0M SRA/SS50V M FM5 TP(5) |
| | | C157 | 0CE1054K638 | 1.0M SRA/SS50V M FM5 TP(5) |
| | | C159 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C218 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C220 | 0CN223AK948 | 0.022UF 50V Z F TA26 S |
| | | C301 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C303 | 0CE1054K638 | 1.0M SRA/SS50V M FM5 TP(5) |
| | | C304 | 0CE2274C638 | 220M SRA 6.3V M FM5 TP(5) |
| | | C305 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C306 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C307 | 0CX2700K408 | 27P 50V J SL TA26 |
| | | C309 | 0CN3310K518 | 330P 50V K B TA26 |
| | | C310 | 0CE4754K638 | 4.7M SRA 50V M FM5 TP(5) |
| | | C311 | 0CN1810K518 | 180P 50V K B TA26 |
| | | C312 | 0CX2200K408 | 22P 50V J SL TP26 |
| | | C313 | 0CN1010K418 | 100PF 50V J B TA26 |
| | | C314 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C315 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C316 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C317 | 0CN1030F678 | 0.01M 16V M Y TA26 |

| S | AL | LOCA.NO | PART NO(GS) | SPECIFICATION |
|---|---|---|---|---|
| | | C318 | 0CE2254K638 | 2.2M SRA 50V M FM5 TP(5) |
| | | C319 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C320 | 0CN1050K948 | 1UF 50V Z F TA26 D |
| | | C322 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C323 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C324 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C325 | 0CN1050K948 | 1UF 50V Z F TA26 D |
| | | C326 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C327 | 0CE1063F638 | 10M SRE/SE 16V M FM5 TP(5) |
| | | C328 | 0CN223AK948 | 0.022UF 50V Z F TA26 S |
| | | C329 | 0CN223AK948 | 0.022UF 50V Z F TA26 S |
| | | C330 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C331 | 0CE2274C638 | 220M SRA 6.3V M FM5 TP(5) |
| | | C332 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C333 | 0CN223AK948 | 0.022UF 50V Z F TA26 S |
| | | C334 | 0CN223AK948 | 0.022UF 50V Z F TA26 S |
| | | C335 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C336 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C337 | 0CE4754K638 | 4.7M SRA 50V M FM5 TP(5) |
| | | C338 | 0CN223AK948 | 0.022UF 50V Z F TA26 S |
| | | C339 | 0CE4754K638 | 4.7M SRA 50V M FM5 TP(5) |
| | | C340 | 0CN3330K518 | 0.033UF 50V K B TA26 |
| | | C341 | 0CN223AK948 | 0.022UF 50V Z F TA26 S |
| | | C342 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C343 | 0CN4730K948 | 0.047M 50V Z F TA26 |
| | | C344 | 0CN223AK948 | 0.022UF 50V Z F TA26 S |
| | | C346 | 0CE2274C638 | 220M SRA 6.3V M FM5 TP(5) |
| | | C348 | 0CE1054K638 | 1.0M SRA/SS50V M FM5 TP(5) |
| | | C350 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C351 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C352 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C353 | 0CX2700K408 | 27P 50V J SL TA26 |
| | | C354 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C355 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C356 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C358 | 0CE1054K638 | 1.0M SRA/SS50V M FM5 TP(5) |
| | | C363 | 0CX3900K408 | 39P 50V J SL TA26 |
| | | C367 | 0CN4730K948 | 0.047M 50V Z F TA26 |
| | | C368 | 0CN1020K518 | 1000P 50V K B TA26 |
| | | C369 | 0CN223AK948 | 0.022UF 50V Z F TA26 S |
| | | C370 | 0CN1810K518 | 180P 50V K B TA26 |
| | | C372 | 0CN8200K518 | 82PF 50V K B TA26 |
| | | C374 | 0CN223AK948 | 0.022UF 50V Z F TA26 S |
| | | C375 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C376 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |

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| S | AL | LOCA.NO | PART NO(GS) | SPECIFICATION |
|---|---|---|---|---|
| | | C3A1 | 0CN223AK948 | 0.022UF 50V Z F TA26 S |
| | | C3B1 | 0CN3330K518 | 0.033UF 50V K B TA26 |
| | | C401 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C402 | 0CN223AK948 | 0.022UF 50V Z F TA26 S |
| | | C403 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C405 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C406 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C408 | 0CQ1532K409 | 0.015UF S 50V J PE TP |
| | | C410 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C412 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C413 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C414 | 0CQ1032K409 | 0.01UF S 50V J PE TP |
| | | C415 | 0CE2264F638 | 22M SRA 16V M FM5 TP(5) |
| | | C416 | 0CN2220F668 | 2200P 16V M X TA26 |
| | | C417 | 0CN1220F668 | 1200P 16V M X TA26 |
| | | C418 | 0CQ1532K409 | 0.015UF S 50V J PE TP |
| | | C419 | 0CQ1032K409 | 0.01UF S 50V J PE TP |
| | | C420 | 0CE4765K618 | 47UF SR,SV 50V M FL TP 5 |
| | | C421 | 0CQ2232L559 | 0.022UF S 63V K PP NI TP5 |
| | | C423 | 0CE4754K638 | 4.7M SRA 50V M FM5 TP(5) |
| | | C424 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C431 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C466 | 0CE3354K638 | 3.3M SRA 50V M FM5 TP(5) |
| | | C467 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C500 | 624-074A | SUPER CAP 0.047F/5.5V T/P S/S |
| | | C501 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C502 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C503 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C504 | 0CE2274C638 | 220M SRA 6.3V M FM5 TP(5) |
| | | C505 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C506 | 0CN223AK948 | 0.022UF 50V Z F TA26 S |
| | | C507 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C508 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C509 | 0CN223AK948 | 0.022UF 50V Z F TA26 S |
| | | C510 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C512 | 0CN1810K518 | 180P 50V K B TA26 |
| | | C513 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C514 | 0CC1800K415 | 18P 50V J NP0 TS |
| | | C515 | 0CC1800K415 | 18P 50V J NP0 TS |
| | | C516 | 0CN223AK948 | 0.022UF 50V Z F TA26 S |
| | | C518 | 0CC3300K415 | 33P 50V J NP0 TP |
| | | C519 | 0CC3900K415 | 39P 50V J NPO TP |
| | | C520 | 0CN1020K518 | 1000P 50V K B TA26 |
| | | C521 | 0CN223AK948 | 0.022UF 50V Z F TA26 S |
| | | C522 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C524 | 0CE3364F638 | 33M SRA 16V M FM5 TP(5) |
| | | C525 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C526 | 0CE4764H638 | 47M SRA 25V M FM5 TP(5) |
| | | C527 | 0CN1810K518 | 180P 50V K B TA26 |
| | | C528 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C529 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C530 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C532 | 0CN223AK948 | 0.022UF 50V Z F TA26 S |
| | | C533 | 0CN1020K518 | 1000P 50V K B TA26 |
| | | C534 | 0CE4754K638 | 4.7M SRA 50V M FM5 TP(5) |
| | | C535 | 0CE4754K638 | 4.7M SRA 50V M FM5 TP(5) |
| | | C536 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C537 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C540 | 0CQ3332K409 | 0.033UF S 50V J PE TP |
| | | C541 | 0CE4754K638 | 4.7M SRA 50V M FM5 TP(5) |
| | | C542 | 0CN6810K518 | 680P 50V K B TA26 |
| | | C543 | 0CN2220F668 | 2200P 16V M X TA26 |

| S | AL | LOCA.NO | PART NO(GS) | SPECIFICATION |
|---|---|---|---|---|
| | | C544 | 0CQ4732K409 | 0.047UF S 50V J PE TP |
| | | C545 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C546 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C551 | 0CQ3332K409 | 0.033UF S 50V J PE TP |
| | | C552 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C561 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C564 | 0CN3310K518 | 330P 50V K B TA26 |
| | | C567 | 0CN1020K518 | 1000P 50V K B TA26 |
| | | C570 | 0CC1800K415 | 18P 50V J NP0 TS |
| | | C571 | 0CC1800K415 | 18P 50V J NP0 TS |
| | | C574 | 0CN1020K518 | 1000P 50V K B TA26 |
| | | C575 | 0CN1020K518 | 1000P 50V K B TA26 |
| | | C576 | 0CC1500K415 | 15P 50V J NP0 TS |
| | | C577 | 0CC1200K415 | 12P 50V J NP0 TS |
| | | C578 | 0CN1220F668 | 1200P 16V M X TA26 |
| | | C581 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C582 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C588 | 0CE4754K638 | 4.7M SRA 50V M FM5 TP(5) |
| | | C596 | 0CN223AK948 | 0.022UF 50V Z F TA26 S |
| | | C5F4 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C5F7 | 0CN1050K948 | 1UF 50V Z F TA26 D |
| | | C5F8 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C5P1 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C5P2 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C5S1 | 0CX4300K408 | 43P 50V J SL TA26 |
| | | C5S2 | 0CN223AK948 | 0.022UF 50V Z F TA26 S |
| | | C5X2 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C701 | 0CE4754K638 | 4.7M SRA 50V M FM5 TP(5) |
| | | C702 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C703 | 0CE4754K638 | 4.7M SRA 50V M FM5 TP(5) |
| | | C704 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C705 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C706 | 0CE477CF638 | 470UF SHL TYPE 16V M FM5 TP 5 |
| | | C707 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C710 | 0CX4300K408 | 43P 50V J SL TA26 |
| | | C712 | 0CX5R60K508 | 5.6PF 50V K SL TA26 |
| | | C752 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C753 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C754 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C755 | 0CQ1032K409 | 0.01UF S 50V J PE TP |
| | | C756 | 0CQ1032K409 | 0.01UF S 50V J PE TP |
| | | C757 | 0CQ1032K409 | 0.01UF S 50V J PE TP |
| | | C758 | 0CQ1032K409 | 0.01UF S 50V J PE TP |
| | | C759 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C760 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C761 | 0CE3354K638 | 3.3M SRA 50V M FM5 TP(5) |
| | | C762 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C763 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C764 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C765 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C766 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C767 | 0CX5600K408 | 56P 50V J SL TA26 |
| | | C768 | 0CX5600K408 | 56P 50V J SL TA26 |
| | | C769 | 0CC0300K015 | 3P 50V C NP0 TS |
| | | C770 | 0CC0300K015 | 3P 50V C NP0 TS |
| | | C771 | 0CQ3921N409 | 0.0039U 100V J POLY TP |
| | | C772 | 0CQ3921N409 | 0.0039U 100V J POLY TP |
| | | C773 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C774 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C775 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C776 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C7M1 | 0CN1010K418 | 100PF 50V J B TA26 |



| S | AL | LOCA.NO | PART NO(GS) | SPECIFICATION |
|---|---|---|---|---|
| | | C7M2 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C7M3 | 0CX4300K408 | 43P 50V J SL TA26 |
| | | C7M8 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C7M9 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C801 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C806 | 0CE4754K638 | 4.7M SRA 50V M FM5 TP(5) |
| | | C807 | 0CE4754K638 | 4.7M SRA 50V M FM5 TP(5) |
| | | C808 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C809 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C810 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C811 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C813 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C814 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C815 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C816 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C817 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C818 | 0CE4754K638 | 4.7M SRA 50V M FM5 TP(5) |
| | | C819 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C820 | 0CQ6822K409 | 6800PF S 50V J PE TP |
| | | C821 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C822 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C823 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C824 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C825 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C826 | 0CQ6822K409 | 6800PF S 50V J PE TP |
| | | C827 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C828 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C830 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C831 | 0CN1030F678 | 0.01M 16V M Y TA26 |
| | | C832 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C835 | 0CE4744K638 | 0.47M SRA 50V M FM5 TP(5) |
| | | C901 | 0CN1020K518 | 1000P 50V K B TA26 |
| | | C902 | 0CE477CF638 | 470UF SHL TYPE 16V M FM5 TP 5 |
| | | C903 | 0CN1020K518 | 1000P 50V K B TA26 |
| | | C904 | 0CN1020K518 | 1000P 50V K B TA26 |
| | | C905 | 0CX1000K408 | 10P 50V J SL TA26 |
| | | C906 | 0CX1000K408 | 10P 50V J SL TA26 |
| | | C908 | 0CN1020K518 | 1000P 50V K B TA26 |
| | | C911 | 0CN1020K518 | 1000P 50V K B TA26 |
| | | C912 | 0CE477CF638 | 470UF SHL TYPE 16V M FM5 TP 5 |
| | | C918 | 0CN1020K518 | 1000P 50V K B TA26 |
| | | C923 | 0CN1020K518 | 1000P 50V K B TA26 |
| | | C924 | 0CN1020K518 | 1000P 50V K B TA26 |
| | | C941 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C942 | 0CE1054K636 | 1.0U SRA 50V M FM5 BP TP(D) |
| | | C948 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C949 | 0CN1040K948 | 0.1UF 50V Z F TA26 D |
| | | C950 | 0CE1064F638 | 10M SRA 16V M FM5 TP(5) |
| | | C951 | 0CE4764F638 | 47M SRA/SS 16V M FM5 TP(5) |
| | | C953 | 0CN8200K518 | 82PF 50V K B TA26 |
| | | C955 | 0CX4300K408 | 43P 50V J SL TA26 |
| | | ZD902 | 0CX2200K408 | 22P 50V J SL TP26 |

## DIODE

| | | | | |
|---|---|---|---|---|
| | | BD101 | 0DD160000DA | S1WBA60(1A 600V) SHIDENKEN |
| | OR | D102 | 0DD010009CA | EG01CW(R-FORM 5MM) TP SANKEN |
| | | D102 | 0DD221009AA | ERA22-10 KFLB TP ,R T/P FUJI |
| | | D104 | 0DD010009AC | EU01W(R-FORM) TP SANKEN |
| | | D105 | 0DD010009AC | EU01W(R-FORM) TP SANKEN |
| | | D106 | 0DR810040BA | ERC81-004L22 BK FUJI DO201AD 4 |
| | | D107 | 0DR180209AA | ERA18-02KFRB TP FUJI DO204AL 2 |
| | | D108 | 0DD010009AC | EU01W(R-FORM) TP SANKEN |

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| S | AL | LOCA.NO | PART NO(GS) | SPECIFICATION |
|---|---|---|---|---|
| | | D109 | 0DD400000AD | RU4YXLF(015-305) M20 SANKEN |
| | | D151 | 0DD133009AA | 1SS133 DETECT,SW TP |
| | OR | D152 | 0DD400309AB | IN4003A(1SR35-200A)5M/M TP ROH |
| | | D152 | 0DR104009AB | RL104 R. TP GULF SEMICONDUCTOR |
| | OR | D154 | 0DD400309AB | IN4003A(1SR35-200A)5M/M TP ROH |
| | | D154 | 0DR104009AB | RL104 R. TP GULF SEMICONDUCTOR |
| | OR | D155 | 0DD400309AB | IN4003A(1SR35-200A)5M/M TP ROH |
| | | D155 | 0DR104009AB | RL104 R. TP GULF SEMICONDUCTOR |
| | | D301 | 0DD133009AA | 1SS133 DETECT,SW TP |
| | | D302 | 0DD133009AA | 1SS133 DETECT,SW TP |
| | | D502 | 0DD133009AA | 1SS133 DETECT,SW TP |
| | | D509 | 0DD133009AA | 1SS133 DETECT,SW TP |
| | | D751 | 0DD400309AB | IN4003A(1SR35-200A)5M/M TP ROH |
| | | DJ02 | 0DD133009AA | 1SS133 DETECT,SW TP |
| | | DJ03 | 0DD133009AA | 1SS133 DETECT,SW TP |
| | | DJ04 | 0DD133009AA | 1SS133 DETECT,SW TP |
| | | DJ06 | 0DD133009AA | 1SS133 DETECT,SW TP |
| | | DJ07 | 0DD133009AA | 1SS133 DETECT,SW TP |
| | | DJ09 | 0DD133009AA | 1SS133 DETECT,SW(VS-J701EO-DN) |
| | | DJ10 | 0DD133009AA | 1SS133 DETECT,SW TP |
| | | DJ11 | 0DD133009AA | 1SS133 DETECT,SW TP |
| | | DJ14 | 0DD133009AA | 1SS133 DETECT,SW TP |
| | | DJ19 | 0DD133009AA | 1SS133 DETECT,SW TP |
| | | DJ22 | 0DD133009AA | 1SS133 DETECT,SW TP |

## LEVEL METER

| | | | | |
|---|---|---|---|---|
| | | DIG5F1 | 6302R1P003B | 7-MT-233GK AKAI MONO FUTABA PA |

## FUSE

| | | | | |
|---|---|---|---|---|
| | OR | F101 | 585-011C | T 1.6A 250V S506 |
| | | F101 | 585-011T | 1600MA 250 V 5.2X20 CY/GL SEMK |

## FILTER

| | | | | |
|---|---|---|---|---|
| | | L102 | 616-145H | SHT LFS2020V4-04350 |

## IC

| | | | | |
|---|---|---|---|---|
| | | F103 | 0IRH100000B | ICP-N10 T104 TP IC DETACT |
| | | IC101 | 0ISK615300A | STR-G6153T 5PIN FM CUT BK PWM |
| | | IC103 | 0IKE431000A | KIA431 3 PIN TP |
| | OR | IC103 | 0ISS431000A | KA431AZ (LM431AZ) |
| | | IC301 | 0ISA715910A | LA71591M 100QFP BK AVCP 1CHIP |
| | | IC501 | 0IGS397766A | GMS3977RA-A66F 100QFP BK MICOM |
| | | IC502 | 0ISS308200A | KA3082 10-SIP BK MOTOR DRIVE |
| | | IC503 | 0IAL241600B | AT24C16-10PC 8D EEPROM 16K |
| | | IC504 | 0IKE703100A | KIA7031P 3P 3.1V RESET(TAPING) |
| | OR | IC504 | 0ISS753100A | KA7531Z TO-92 TP 3.1V RESET |
| | | IC505 | 0IKE704200B | KIA7042P 3P 4.2V RESET(TAPING) |
| | OR | IC505 | 0ISS754200A | KA7542Z RESET TO92 TP 4.2V |
| | | IC5F1 | 0ISA866024A | LC866024W-5M41 64QFP BK MICOM |
| | | IC751 | 0IIT341700A | MSP3417D 52PSDIP BK NICAM+A2 |
| | | IC801 | 0IPH960500A | TDA9605H QFP44 BK HIFI AMP+HIF |
| | | IC901 | 0IRH763500A | BH7635S DIP24 BK CANAL S/W |

## JACK

| | | | | |
|---|---|---|---|---|
| | | JK902 | 572-036H | BJP 03-01-G BAEEUN 2 ANGLE WH |

## COIL

| | | | | |
|---|---|---|---|---|
| | | BC101 | 636-004C | BEAD CORE BFS3550R2FD8.R T/P |

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| S | AL | LOCA.NO | PART NO(GS) | SPECIFICATION |
|---|---|---|---|---|
| | OR | IC504 | 0ISS753100A | KA7531Z TO-92 TP 3.1V RESET |
| | | IC505 | 0IKE704200B | KIA7042P 3P 4.2V RESET(TAPING) |
| | OR | IC505 | 0ISS754200A | KA7542Z RESET TO92 TP 4.2V |
| | | IC5F1 | 0ISA866024A | LC866024W-5M41 64QFP BK MICOM |
| | | IC751 | 0IIT341700A | MSP3417D 52PSDIP BK NICAM+A2 P |
| | | IC7V1 | 0ISA747930A | LC74793JM DIP24S BK VPS+PDC |
| | | IC801 | 0IPH960500A | TDA9605H QFP44 BK HIFI AMP+HIF |
| | | IC901 | 0IRH763500A | BH7635S DIP24 BK CANAL S/W |
| **JACK** | | | | |
| | | JK902 | 572-036H | BJP 03-01-G BAEEUN 2 ANGLE WH |
| | | JK9F3 | 572-075D | BJP-202L (YELLOW) |
| | | JK9F4 | 572-075C | BJP-202L (WHITE) |
| | | JK9F5 | 572-075B | BJP-202L (RED) |
| **COIL** | | | | |
| | | BC101 | 636-004C | BEAD CORE BFS3550R2FD8,R T/P |
| | | BC102 | 636-004C | BEAD CORE BFS3550R2FD8,R T/P |
| | | L103 | 633-088G | CHOCK(22MH) TP 5MM |
| | | L104 | 633-088G | CHOCK(22MH) TP 5MM |
| | | L105 | 0LA1000K018 | 100M K 2.3X3.4 L5 TP |
| | | L301 | 0LR0102K0P5 | LF7.5N OEL 10UH 10% TP 4.8X4.0 |
| | | L302 | 0LA0562K018 | 56M K 2.3X3.4 L5 TP |
| | | L303 | 0LA0332K018 | 33M K 2.3X3.4 L5 TP |
| | | L304 | 0LR1000K0P5 | LF7.5N OEL 100UH 10% TP 4.8X4 |
| | | L306 | 0LR1000K0P5 | LF7.5N OEL 100UH 10% TP 4.8X4 |
| | | L307 | 0LR1000K0P5 | LF7.5N OEL 100UH 10% TP 4.8X4 |
| | | L308 | 0LA0122K018 | 12M K 2.3X3.4 L5 TP |
| | | L309 | 0LR1000K0P5 | LF7.5N OEL 100UH 10% TP 4.8X4 |
| | | L401 | 0LA0821K018 | 8.2M K 2.3X3.4 L5 TP |
| | | L402 | 0LR6801J045 | 6800U J 6X7 L5 TP |
| | | L405 | 0LR0102K0P5 | LF7.5N OEL 10UH 10% TP 4.8X4.0 |
| | | L502 | 0LR1000K0P5 | LF7.5N OEL 100UH 10% TP 4.8X4 |
| | | L503 | 0LA1000K018 | 100M K 2.3X3.4 L5 TP |
| | | L505 | 0LR1000K0P5 | LF7.5N OEL 100UH 10% TP 4.8X4 |
| | | L506 | 635-027C | EL0405RA SKI150G-3 K TDK 15UH |
| | | L5S1 | 0LA0332K018 | 33M K 2.3X3.4 L5 TP |
| | | L5W1 | 0LR1000K0P5 | LF7.5N OEL 100UH 10% TP 4.8X4 |
| | | L701 | 0LR1000K0P5 | LF7.5N OEL 100UH 10% TP 4.8X4 |
| | | L702 | 0LR0102K0P5 | LF7.5N OEL 10UH 10% TP 4.8X4.0 |
| | | L703 | 0LR0102K0P5 | LF7.5N OEL 10UH 10% TP 4.8X4.0 |
| | | L704 | 0LA0821K018 | 8.2M K 2.3X3.4 L5 TP |
| | | L751 | 0LR1000K0P5 | LF7.5N OEL 100UH 10% TP 4.8X4 |
| | | L752 | 0LR1000K0P5 | LF7.5N OEL 100UH 10% TP 4.8X4 |
| | | L753 | 0LR1000K0P5 | LF7.5N OEL 100UH 10% TP 4.8X4 |
| | | L754 | 0LR6801J045 | 6800U J 6X7 L5 TP |
| | | L755 | 0LR6801J045 | 6800U J 6X7 L5 TP |
| | | L7M1 | 0LR1000K0P5 | LF7.5N OEL 100UH 10% TP 4.8X4 |
| | | L7V1 | 0LR1000K0P5 | LF7.5N OEL 100UH 10% TP 4.8X4 |
| | | L801 | 0LR1000K0P5 | LF7.5N OEL 100UH 10% TP 4.8X4 |
| | | L802 | 0LR1000K0P5 | LF7.5N OEL 100UH 10% TP 4.8X4 |
| | | L901 | 0LA1000K018 | 100M K 2.3X3.4 L5 TP |
| | | L902 | 0LA1000K018 | 100M K 2.3X3.4 L5 TP |
| | | L904 | 0LA1000K018 | 100M K 2.3X3.4 L5 TP |
| | | L905 | 636-004C | BEAD CORE BFS3550R2FD8,R T/P |
| | | L906 | 0LA1000K018 | 100M K 2.3X3.4 L5 TP |
| | | L907 | 636-004C | BEAD CORE BFS3550R2FD8,R T/P |
| | | L908 | 636-004C | BEAD CORE BFS3550R2FD8,R T/P |
| | | L911 | 0LA1000K018 | 100M K 2.3X3.4 L5 TP |
| | | L912 | 0LA1000K018 | 100M K 2.3X3.4 L5 TP |
| | | L914 | 0LA1000K018 | 100M K 2.3X3.4 L5 TP |

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|---|---|---|---|---|
| | | L916 | 0LA1000K018 | 100M K 2.3X3.4 L5 TP |
| | | L924 | 0LA1000K018 | 100M K 2.3X3.4 L5 TP |
| | | L926 | 0LA1000K018 | 100M K 2.3X3.4 L5 TP |
| | | L941 | 0LR1000K0P5 | LF7.5N OEL 100UH 10% TP 4.8X4 |
| | | L9F4 | 0LA1000K018 | 100M K 2.3X3.4 L5 TP |
| | | L9F5 | 0LA1000K018 | 100M K 2.3X3.4 L5 TP |
| | | TL401 | 633-032K | BIAC OSC,1CHIP 5V(KS-75M) |
| **LED** | | | | |
| | | LD5P1 | 0DL100000BB | LTE-16KEE BK LITEON RED |
| **CIRCUIT BOARD ASSEMBLY** | | | | |
| | | PBM00 | 6871R-1236D | MAIN (VS-J718EO-D ) |
| | | PBM00 | 6871R-1236H | MAIN (VS-J718EO-DN) |
| **TRANSFORMER** | | | | |
| | | T101 | 642-023M | S/W TRANS EER2828 WIDE X-PJT |
| **TRANSISTOR** | | | | |
| | | Q151 | 0TR320509AB | KTC3205-TP-Y (KTC2236A)KEC |
| | | Q152 | 0TR320309AA | KTC3203-Y (KTC2120) TP KEC 10P |
| | | Q153 | 0TR280400AA | KTC2804-Y BK KEC TO126 |
| | | Q154 | 0TR319809AC | KTC3198-TP-BL (KTC1815)KEC |
| | | Q155 | 0TR103009AF | KRA103M-TP (KRA2203) KEC |
| | | Q156 | 0TR320309AA | KTC3203-Y (KTC2120) TP KEC 10P |
| | | Q157 | 0TR103009AF | KRA103M-TP (KRA2203) KEC |
| | | Q158 | 0TR126809BA | KTA1268-BL TP KEC |
| | OR | Q158 | 0TR709009AE | KSA709C-Y TP SAMSUNG TO-92 |
| | | Q159 | 0TR127309AA | KTA1273-TP-Y (KTA966A)KEC |
| | | Q160 | 0TR101009AF | KRC101M(TO92M),4.7-4.7,KEC |
| | | Q161 | 0TR101009AF | KRC101M(TO92M),4.7-4.7,KEC |
| | | Q162 | 0TR127309AA | KTA1273-TP-Y (KTA966A)KEC |
| | | Q164 | 0TR127309AA | KTA1273-TP-Y (KTA966A)KEC |
| | | Q165 | 0TR101009AF | KRC101M(TO92M),4.7-4.7,KEC |
| | | Q301 | 0TR319909AF | KTC3199-BL MINI TP KEC |
| | | Q302 | 0TR319909AF | KTC3199-BL MINI TP KEC |
| | | Q303 | 0TR126709AC | KTA1267-GR MINI TP KEC |
| | | Q304 | 0TR319909AF | KTC3199-BL MINI TP KEC |
| | | Q305 | 0TR126709AC | KTA1267-GR MINI TP KEC |
| | | Q3A1 | 0TR319909AF | KTC3199-BL MINI TP KEC |
| | | Q3A2 | 0TR319909AF | KTC3199-BL MINI TP KEC |
| | | Q401 | 0TR126709AC | KTA1267-GR MINI TP KEC |
| | | Q402 | 0TR126709AC | KTA1267-GR MINI TP KEC |
| | | Q403 | 0TR319909AF | KTC3199-BL MINI TP KEC |
| | | Q404 | 0TR319909AF | KTC3199-BL MINI TP KEC |
| | | Q405 | 0TR320309AA | KTC3203-Y (KTC2120) TP KEC 10P |
| | | Q501 | 0TR319909AF | KTC3199-BL MINI TP KEC |
| | | Q502 | 0TR103009AE | KRC103M-TP (KRC1203) KEC |
| | | Q503 | 0TR127309AA | KTA1273-TP-Y (KTA966A)KEC |
| | | Q514 | 0TR103009AE | KRC103M-TP (KRC1203) KEC |
| | | Q515 | 0TR103009AE | KRC103M-TP (KRC1203) KEC |
| | | Q5A1 | 0TR319909AF | KTC3199-BL MINI TP KEC |
| | | Q5P1 | 0TR103009AE | KRC103M-TP (KRC1203) KEC |
| | | Q5S2 | 0TR319909AF | KTC3199-BL MINI TP KEC |
| | | Q701 | 0TR126709AC | KTA1267-GR MINI TP KEC |
| | | Q751 | 0TR103009AE | KRC103M-TP (KRC1203) KEC |
| | | Q752 | 0TR126709AC | KTA1267-GR MINI TP KEC |
| | | Q753 | 0TR319909AF | KTC3199-BL MINI TP KEC |
| | | Q754 | 0TR319909AF | KTC3199-BL MINI TP KEC |
| | | QF01 | 0TR319909AF | KTC3199-BL MINI TP KEC |



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|---|---|---|---|---|
| | | QF02 | 0TR126709AC | KTA1267-GR MINI TP KEC |
| | | QF03 | 0TR103009AE | KRC103M-TP (KRC1203) KEC |
| **RESISTOR** | | | | |
| | | C302 | 0RD2202F608 | 22K 1/6W 5 TA26 |
| | | FR02 | 0RF0471Q619 | 4.7 OHM 1/4 W (3.4) 5% TR |
| | | R101 | 614-007R | 2.7 OHM 2 W 5% TR RWR |
| | | R102 | 0RS1003K619 | 100K OHM 2 W 5% TR |
| | | R103 | ~~0RD0821F608~~ | 8.2 1/6W 5 TA26 |
| | | R104 | 0RS5602K619 | 56KOHM 2 W 5% TR |
| | | R109 | 0RS0350K619 | 0.35 OHM 2 W 5% TR |
| | | R114 | 0RD1003F608 | 100K 1/6W 5 TA26 |
| | | R116 | 0RD3300F608 | 330 1/6W 5 TA26 |
| | | R117 | 0RD2201F608 | 2.2K 1/6W 5 TA26 |
| | | R118 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R119 | 0RN3301F408 | 3.3K 1/6W 1 TA26 |
| | | R120 | 0RN2701F408 | 2.70K 1/6W 1% TA26 |
| | | R121 | 0RD1800F608 | 180 1/6W 5 TA26 |
| | | R127 | 0RD1501F608 | 1.5K 1/6W 5 TA26 |
| | | R151 | 0RD1201F608 | 1.2K 1/6W 5 TA26 |
| | | R152 | 0RD1201F608 | 1.2K 1/6W 5 TA26 |
| | | R154 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R155 | 0RD2702F608 | 27K 1/6W 5 TA26 |
| | | R156 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| | | R157 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R158 | 0RD2700F608 | 270 1/6W 5 TA26 |
| | | R159 | 0RD3300F608 | 330 1/6W 5 TA26 |
| | | R161 | 0RD2700F608 | 270 1/6W 5 TA26 |
| | | R162 | 0RD3300F608 | 330 1/6W 5 TA26 |
| | | R164 | 0RD1202F608 | 12K 1/6W 5 TA26 |
| | | R165 | 0RD1202F608 | 12K 1/6W 5 TA26 |
| | | R166 | 0RD2201F608 | 2.2K 1/6W 5 TA26 |
| | | R167 | 0RD2201F608 | 2.2K 1/6W 5 TA26 |
| | | R169 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R170 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R171 | 0RD3901F608 | 3.9K 1/6W 5 TA26 |
| | | R201 | 0RD4700F608 | 470 1/6W 5 TA26 |
| | | R302 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| | | R303 | 0RD1802F608 | 18K 1/6W 5 TA26 |
| | | R304 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| | | R305 | 0RD1501F608 | 1.5K 1/6W 5 TA26 |
| | | R306 | 0RD3300F608 | 330 1/6W 5 TA26 |
| | | R307 | 0RD3300F608 | 330 1/6W 5 TA26 |
| | | R308 | 0RD2701F608 | 2.7K 1/6W 5 TA26 |
| | | R309 | 0RD8200F608 | 820 1/6W 5 TA26 |
| | | R310 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R311 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | | R312 | 0RD1801F608 | 1.8K 1/6W 5 TA26 |
| | | R313 | 0RD4700F608 | 470 1/6W 5 TA26 |
| | | R316 | 0RD1500F608 | 150 1/6W 5 TA26 |
| | | R317 | 0RD8202F608 | 82K 1/6W 5 TA26 |
| | | R318 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | | R319 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R321 | 0RD1501F608 | 1.5K 1/6W 5 TA26 |
| | | R322 | 0RD8201F608 | 8.2K 1/6W 5 TA26 |
| | | R323 | 0RD5601F608 | 5.6K 1/6W 5 TA26 |
| | | R324 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| | | R325 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R326 | 0RD2701F608 | 2.7K 1/6W 5 TA26 |
| | | R333 | 0RD1802F608 | 18K 1/6W 5 TA26 |
| | | R335 | 0RD1802F608 | 18K 1/6W 5 TA26 |
| | | R338 | 0RD2700F608 | 270 1/6W 5 TA26 |

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|---|---|---|---|---|
| | | R340 | 0RD1802F608 | 18K 1/6W 5 TA26 |
| | | R341 | 0RD2701F608 | 2.7K 1/6W 5 TA26 |
| | | R349 | 0RD5601F608 | 5.6K 1/6W 5 TA26 |
| | | R350 | 0RD4700F608 | 470 1/6W 5 TA26 |
| | | R390 | 0RD5601F608 | 5.6K 1/6W 5 TA26 |
| | | R3A1 | 0RD2201F608 | 2.2K 1/6W 5 TA26 |
| | | R3A2 | 0RD4702F608 | 47K 1/6W 5 TA26 |
| | | R3A3 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R3B1 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | | R402 | 0RD2204F608 | 2.2M 1/6W 5 TA26 |
| | | R403 | 0RD6801F608 | 6.8K 1/6W 5 TA26 |
| | | R404 | 0RD2700F608 | 270 1/6W 5 TA26 |
| | | R406 | 0RD2701F608 | 2.7K 1/6W 5 TA26 |
| | | R407 | 0RD2202F608 | 22K 1/6W 5 TA26 |
| | | R408 | 0RD2201F608 | 2.2K 1/6W 5 TA26 |
| | | R409 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | | R410 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| | | R411 | 0RD2202F608 | 22K 1/6W 5 TA26 |
| | | R412 | 0RD1801F608 | 1.8K 1/6W 5 TA26 |
| | | R413 | 0RD8201F608 | 8.2K 1/6W 5 TA26 |
| | | R414 | 0RD1202F608 | 12K 1/6W 5 TA26 |
| | | R415 | 0RD3303F608 | 330K 1/6W 5 TA26 |
| | | R416 | 0RD1500F608 | 150 1/6W 5 TA26 |
| | | R417 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R418 | 0RD2702F608 | 27K 1/6W 5 TA26 |
| | | R419 | 0RD0472F608 | 47 1/6W 5 TA26 |
| | | R420 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R421 | 0RD0221F608 | 2.2 1/6W 5 TA26 |
| | | R422 | 0RD5600F608 | 560 1/6W 5 TA26 |
| | | R424 | 0RD2700F608 | 270 1/6W 5 TA26 |
| | | R425 | 0RD4702F608 | 47K 1/6W 5 TA26 |
| | | R430 | 0RD3901F608 | 3.9K 1/6W 5 TA26 |
| | | R431 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | | R490 | 0RD4702F608 | 47K 1/6W 5 TA26 |
| | | R491 | 0RD1202F608 | 12K 1/6W 5 TA26 |
| | | R500 | 0RF0681J619 | 6.8 OHM 1 W 5% TR |
| | | R501 | 0RD1000F608 | 100 1/6W 5 TA26 |
| | | R502 | 0RD1000F608 | 100 1/6W 5 TA26 |
| | | R504 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R505 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R506 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R507 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R508 | 0RD3301F608 | 3.3K 1/6W 5 TA26 |
| | | R509 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | | R510 | 0RD2201F608 | 2.2K 1/6W 5 TA26 |
| | | R511 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R512 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R513 | 0RD1003F608 | 100K 1/6W 5 TA26 |
| | | R515 | 0RD2700F608 | 270 1/6W 5 TA26 |
| | | R517 | 0RD1004F608 | 1.0M 1/6W 5 TA26 |
| | | R518 | 0RD5600F608 | 560 1/6W 5 TA26 |
| | | R519 | 0RD2702F608 | 27K 1/6W 5 TA26 |
| | | R520 | 0RD5601F608 | 5.6K 1/6W 5 TA26 |
| | | R521 | 0RD3301F608 | 3.3K 1/6W 5 TA26 |
| | | R522 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R523 | 0RD1502F608 | 15K 1/6W 5 TA26 |
| | | R525 | 0RD5601F608 | 5.6K 1/6W 5 TA26 |
| | | R526 | 0RD5601F608 | 5.6K 1/6W 5 TA26 |
| | | R527 | 0RD5600F608 | 560 1/6W 5 TA26 |
| | | R528 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| | | R529 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| | | R531 | 0RD1002F608 | 10K 1/6W 5 TA26 |

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|---|---|---|---|---|
| | | R534 | 0RD1004F608 | 1.0M 1/6W 5 TA26 |
| | | R535 | 0RD4703F608 | 470K 1/6W 5 TA26 |
| | | R542 | 0RD2201F608 | 2.2K 1/6W 5 TA26 |
| | | R543 | 0RD1000F608 | 100 1/6W 5 TA26 |
| | | R544 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | | R545 | 0RD2201F608 | 2.2K 1/6W 5 TA26 |
| | | R546 | 0RD5601F608 | 5.6K 1/6W 5 TA26 |
| | | R547 | 0RD1202F608 | 12K 1/6W 5 TA26 |
| | | R548 | 0RD1003F608 | 100K 1/6W 5 TA26 |
| | | R550 | 0RD2200F608 | 220 1/6W 5 TA26 |
| | | R553 | 0RD2200F608 | 220 1/6W 5 TA26 |
| | | R555 | 0RD2200F608 | 220 1/6W 5 TA26 |
| | | R556 | 0RD2202F608 | 22K 1/6W 5 TA26 |
| | | R557 | 0RD2702F608 | 27K 1/6W 5 TA26 |
| | | R558 | 0RD2202F608 | 22K 1/6W 5 TA26 |
| | | R559 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | | R560 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | | R561 | 0RD5600F608 | 560 1/6W 5 TA26 |
| | | R562 | 0RD5600F608 | 560 1/6W 5 TA26 |
| | | R563 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| | | R564 | 0RD2702F608 | 27K 1/6W 5 TA26 |
| | | R567 | 0RD1801F608 | 1.8K 1/6W 5 TA26 |
| | | R568 | 0RD6803F608 | 680K 1/6W 5 TA26 |
| | | R569 | 0RD1004F608 | 1.0M 1/6W 5 TA26 |
| | | R570 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | | R575 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | | R576 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | | R577 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | | R578 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | | R579 | 0RD5602F608 | 56K 1/6W 5 TA26 |
| | | R581 | 0RD6802F608 | 68K 1/6W 5 TA26 |
| | | R583 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| | | R586 | 0RD2201F608 | 2.2K 1/6W 5 TA26 |
| | | R589 | 0RD1004F608 | 1.0M 1/6W 5 TA26 |
| | | R590 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R5A1 | 0RD6802F608 | 68K 1/6W 5 TA26 |
| | | R5A2 | 0RD1003F608 | 100K 1/6W 5 TA26 |
| | | R5A3 | 0RD5602F608 | 56K 1/6W 5 TA26 |
| | | R5A4 | 0RD2202F608 | 22K 1/6W 5 TA26 |
| | | R5B1 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R5B3 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R5B4 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R5B5 | 0RD1000F608 | 100 1/6W 5 TA26 |
| | | R5C1 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R5C2 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R5C3 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R5C4 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R5C5 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R5C6 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R5C7 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R5C9 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| | | R5F0 | 0RD0102F608 | 10 1/6W 5 TA26 |
| | | R5F1 | 0RD0102F608 | 10 1/6W 5 TA26 |
| | | R5F2 | 0RD0152F608 | 15 1/6W 5 TA26 |
| | | R5F3 | 0RD0152F608 | 15 1/6W 5 TA26 |
| | | R5H2 | 0RD3300F608 | 330 1/6W 5 TA26 |
| | | R5K1 | 0RD1801F608 | 1.8K 1/6W 5 TA26 |
| | | R5K2 | 0RD1501F608 | 1.5K 1/6W 5 TA26 |
| | | R5K3 | 0RD2201F608 | 2.2K 1/6W 5 TA26 |
| | | R5K4 | 0RD2701F608 | 2.7K 1/6W 5 TA26 |
| | | R5K5 | 0RD3901F608 | 3.9K 1/6W 5 TA26 |
| | | R5K6 | 0RD6801F608 | 6.8K 1/6W 5 TA26 |

| S | AL | LOCA.NO | PART NO(GS) | SPECIFICATION |
|---|---|---|---|---|
| | | R5K7 | 0RD1202F608 | 12K 1/6W 5 TA26 |
| | | R5P1 | 0RD3300F608 | 330 1/6W 5 TA26 |
| | | R5P2 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| | | R5P3 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| | | R5S2 | 0RD6801F608 | 6.8K 1/6W 5 TA26 |
| | | R5S3 | 0RD3300F608 | 330 1/6W 5 TA26 |
| | | R5T1 | 0RD1801F608 | 1.8K 1/6W 5 TA26 |
| | | R5X1 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R5X2 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R5X3 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R5X4 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R5X5 | 0RD1000F608 | 100 1/6W 5 TA26 |
| | | R5X6 | 0RD1000F608 | 100 1/6W 5 TA26 |
| | | R5X7 | 0RD1000F608 | 100 1/6W 5 TA26 |
| | | R5X8 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R5X9 | 0RD6802F608 | 68K 1/6W 5 TA26 |
| | | R704 | 0RD4700F608 | 470 1/6W 5 TA26 |
| | | R706 | 0RD2200F608 | 220 1/6W 5 TA26 |
| | | R707 | 0RD2200F608 | 220 1/6W 5 TA26 |
| | | R751 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R752 | 0RD1000F608 | 100 1/6W 5 TA26 |
| | | R753 | 0RD1000F608 | 100 1/6W 5 TA26 |
| | | R754 | 0RD6800F608 | 680 1/6W 5 TA26 |
| | | R755 | 0RD6800F608 | 680 1/6W 5 TA26 |
| | | R756 | 0RD2201F608 | 2.2K 1/6W 5 TA26 |
| | | R757 | 0RD2201F608 | 2.2K 1/6W 5 TA26 |
| | | R758 | 0RD3902F608 | 39K 1/6W 5 TA26 |
| | | R791 | 0RD2201F608 | 2.2K 1/6W 5 TA26 |
| | | R792 | 0RD2201F608 | 2.2K 1/6W 5 TA26 |
| | | R793 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R794 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R7C1 | 0RD4700F608 | 470 1/6W 5 TA26 |
| | | R7M1 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R7M3 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R7M5 | 0RD2200F608 | 220 1/6W 5 TA26 |
| | | R7V4 | 0RD2201F608 | 2.2K 1/6W 5 TA26 |
| | | R7V5 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| | | R7V6 | 0RD5601F608 | 5.6K 1/6W 5 TA26 |
| | | R817 | 0RD2204F608 | 2.2M 1/6W 5 TA26 |
| | | R818 | 0RD3302F608 | 33K 1/6W 5 TA26 |
| | | R819 | 0RD2701F608 | 2.7K 1/6W 5 TA26 |
| | | R820 | 0RD5602F608 | 56K 1/6W 5 TA26 |
| | | R821 | 0RD2701F608 | 2.7K 1/6W 5 TA26 |
| | | R822 | 0RD3302F608 | 33K 1/6W 5 TA26 |
| | | R823 | 0RD4700F608 | 470 1/6W 5 TA26 |
| | | R824 | 0RD1000F608 | 100 1/6W 5 TA26 |
| | | R825 | 0RD5600F608 | 560 1/6W 5 TA26 |
| | | R826 | 0RD1802F608 | 18K 1/6W 5 TA26 |
| | | R827 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| | | R828 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R829 | 0RD1004F608 | 1.0M 1/6W 5 TA26 |
| | | R830 | 0RD1203F608 | 120K 1/6W 5 TA26 |
| | | R831 | 0RD1001F608 | 1.0K 1/6W 5 TA26 |
| | | R901 | 0RD0752F608 | 75 1/6W 5 TA26 |
| | | R902 | 0RD0752F608 | 75 1/6W 5 TA26 |
| | | R905 | 0RD5600F608 | 560 1/6W 5 TA26 |
| | | R906 | 0RD5600F608 | 560 1/6W 5 TA26 |
| | | R911 | 0RD0752F608 | 75 1/6W 5 TA26 |
| | | R912 | 0RD0752F608 | 75 1/6W 5 TA26 |
| | | R915 | 0RD5600F608 | 560 1/6W 5 TA26 |
| | | R916 | 0RD5600F608 | 560 1/6W 5 TA26 |
| | | R925 | 0RD5600F608 | 560 1/6W 5 TA26 |



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| S | AL | LOCA.NO | PART NO(GS) | SPECIFICATION |
|---|---|---|---|---|
| | | R926 | 0RD5600F608 | 560 1/6W 5 TA26 |
| | | R933 | 0RD1202F608 | 12K 1/6W 5 TA26 |
| | | R934 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| | | R947 | 0RD3300F608 | 330 1/6W 5 TA26 |
| | | R948 | 0RD3300F608 | 330 1/6W 5 TA26 |
| | | R949 | 0RD1000F608 | 100 1/6W 5 TA26 |
| | | R950 | 0RD1000F608 | 100 1/6W 5 TA26 |
| | | R9F3 | 0RD0752F608 | 75 1/6W 5 TA26 |
| | | RF01 | 0RD2200F608 | 220 1/6W 5 TA26 |
| | | RF02 | 0RD4702F608 | 47K 1/6W 5 TA26 |
| | | RF03 | 0RD5601F608 | 5.6K 1/6W 5 TA26 |
| | | RF04 | 0RD5601F608 | 5.6K 1/6W 5 TA26 |
| | | RF05 | 0RD4702F608 | 47K 1/6W 5 TA26 |
| | | RF06 | 0RD4702F608 | 47K 1/6W 5 TA26 |
| | | RF07 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| | | RF08 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| | | RF09 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| | | RF10 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | | RF11 | 0RD2200F608 | 220 1/6W 5 TA26 |
| | | RF12 | 0RD1002F608 | 10K 1/6W 5 TA26 |
| | | RF13 | 0RD4701F608 | 4.7K 1/6W 5 TA26 |
| | | RF14 | 0RD4702F608 | 47K 1/6W 5 TA26 |
| **REMOCON RECEIVER** | | | | |
| | | R/C5F1 | 6712R2938GA | TSOP1238SP1 TEMIC 29.6MM 37.9K |
| **SENSOR** | | | | |
| | | ES501 | 4931R-0016A | END |
| | | ES502 | 4931R-0016A | END |
| | | IC102 | 657-062B | PC123Y PHOTO-COUPLER(SARPH) |
| | OR | IC102 | 657-063A | LTV-817B,PHOTO COUPLER(LITEON) |
| | | LD501 | 4931R-0017A | LED |
| | | RS501 | 6500RAB002A | GP1S566 SHARP D-33 REEL SENSOR |
| | | RS502 | 6500RAB002A | GP1S566 SHARP D-33 REEL SENSOR |
| **SWITCH** | | | | |
| | OR | CS501 | 6600RDB004B | SPPB62042 ALPS UL 5V 0A HORIZO |
| | | CS501 | 6600RDB004C | MPU10252MLB4 MIC NON 5V 0.01A |
| | | MS501 | 6600RPY001B | MMS00420ZMBO MIC NON 5V 1MA VE |
| | | SW5A2 | 556-213C | SKHV10912A LGEC NON 12V 5A VER |
| | | SW5K1 | 556-282C | SKQNQED ALPS 5MM 12V/50MAV TAC |
| | | SW5K2 | 556-282C | SKQNQED ALPS 5MM 12V/50MAV TAC |
| | | SW5K3 | 556-282C | SKQNQED ALPS 5MM 12V/50MAV TAC |
| | | SW5K4 | 556-282C | SKQNQED ALPS 5MM 12V/50MAV TAC |
| | | SW5K5 | 556-282C | SKQNQED ALPS 5MM 12V/50MAV TAC |
| | | SW5K6 | 556-282C | SKQNQED ALPS 5MM 12V/50MAV TAC |
| | | SW5K7 | 556-282C | SKQNQED ALPS 5MM 12V/50MAV TAC |
| | | SW5K8 | 556-282C | SKQNQED ALPS 5MM 12V/50MAV TAC |
| | | SW5T1 | 556-213C | SKHV10912A LGEC NON 12V 5A VER |
| **TUNER** | | | | |
| | | TU701 | 6700RP3G01E | TCMK0601PD08C SS G/K/I HIFI 3I |
| | OR | TU701 | 6700RP3L02E | TADC-G006D LGC&D G/K/I HIFI 3I |
| **VARIABLE RESISTOR** | | | | |
| | | VR501 | 613-032W | RH063MCJ5R (220K) |
| **CRYSTAL** | | | | |

| S | AL | LOCA.NO | PART NO(GS) | SPECIFICATION |
|---|---|---|---|---|
| | OR | X502 | 529-001B | 32.768KHZ 3*8,KDS |
| | | X502 | 529-001K | 32.768KHZ SEIKO |
| | | X751 | 529-021Q | 18.432MHZ DBS KUKJAE |
| **RESONATOR** | | | | |
| | OR | X301 | 6202R1443AC | X-TAL 4.433709M 15PPM SER KJE |
| | OR | X301 | 6202R1443AD | 4.433709M 15PPM SER SUNNY |
| | | X301 | 6202R1443AE | TAEIL HC49U 4.433709MHZ 15PPM |
| | OR | X501 | 6202R31001E | ATS TAEIL RADIAL 10.0000MHZ 30 |
| | | X501 | 6202R31001F | HC-49S KEUMSEOK RADIAL 10.0000 |
| | OR | X503 | 6202R31771E | ATS TAEIL RADIAL 17.734476MHZ |
| | | X503 | 6202R31771F | HC-49S KEUMSEOK RADIAL 17.7344 |
| | | X5F1 | 6212RT0004A | CST12.0MTW MURATA 12MHZ TP LC8 |
| | OR | X7V1 | 6202R31771E | ATS TAEIL RADIAL 17.734476MHZ |
| | | X7V1 | 6202R31771F | HC-49S KEUMSEOK RADIAL 17.7344 |
| **ZENER DIODE** | | | | |
| | | ZD104 | 0DZ560009CA | MTZ5.6B TP ROHM-K |
| | | ZD151 | 0DZ130009AA | MTZ13A TP ROHM-K |
| | | ZD152 | 0DZ100009FA | MTZ10-C T-77 10V TP,ROHM/K |
| | | ZD153 | 0DZ130009AA | MTZ13A TP ROHM-K |
| | | ZD501 | 0DZ680009CA | MTZ6.8C TP ROHM-K |
| | | ZD503 | 0DZ680009CA | MTZ6.8C TP ROHM-K |
| | | ZD701 | 0DZ330009AF | MTZ33B,TP,ROHM-K |
| | | ZD801 | 0DZ560009CA | MTZ5.6B TP ROHM-K |
| | | ZD802 | 0DZ130009AA | MTZ13A TP ROHM-K |
| | | ZD808 | 0DZ560009CA | MTZ5.6B TP ROHM-K |
| | | ZD810 | 0DZ130009AA | MTZ13A TP ROHM-K |
| | | ZD905 | 0DZ130009AA | MTZ13A TP ROHM-K |
| | | ZD9F1 | 0DZ620009AA | MTZ6.2B (TA) |
| | | ZD9F2 | 0DZ620009AA | MTZ6.2B (TA) |
| | | ZD9F3 | 0DZ130009AA | MTZ13A TP ROHM-K |
| | | ZD9F4 | 0DZ130009AA | MTZ13A TP ROHM-K |
| | | ZD9F5 | 0DZ130009AA | MTZ13A TP ROHM-K |
| | | ZD9F6 | 0DZ130009AA | MTZ13A TP ROHM-K |